

19980731.qrp v01_n169.qrs.980731

Date: Fri, 31 Jul 1998 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1169

QRP-L Digest 1169

Topics covered in this issue include:

- 1) [16517] Re: Band Conditions
by Joe Gervais <vole@primenet.com>
- 2) [16518] Proposed 2m frequency for back country / QRP use
by George Zafiropoulos <georgez@quickturn.com>
- 3) [16519] Re: Proposed 2m frequency for back country / QRP use
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 4) [16520] Torroid question
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 5) [16521] NCDXF Beacons
by w4pj@w4bkx.ampr.org
- 6) [16522] Re: Proposed 2m frequency for back country / QRP use
by "Andreas Junge" <andreas@atltech.com>
- 7) [16523] Rig swap?
by beaks@westco.net
- 8) [16524] reflector problems??/
- by RangerSF5@aol.com
- 9) [16525] Re: MORSECODEALLRUNNINGTOGETHERHIHI
by Josh.Gould@tigger.axom.com, KC8EQA <josh.gould@axom.com>
- 10) [16526] Re: reflector problems??/
- by KC5TJA <kc5tja@topaz.axisinternet.com>
- 11) [16527] Re: Proposed 2m frequency for back country / QRP use
by "Bill NT1R" <wlegge1@maine.rr.com>
- 12) [16528] Re: Proposed 2m frequency for back country / QRP use
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 13) [16529] Problems???
- by RangerSF5@aol.com
- 14) [16530] Backcountry 2M freq
by W7LS <w7ls@blarg.net>
- 15) [16531] Re: reflector problems??/
- by n5inz@juno.com (John M Andrews)
- 16) [16532] Line Sampler - HELP!
by "A.E.Lake" <RadKit@compuserve.com>
- 17) [16533] Re: Proposed 2m frequency for back country / QRP use
by "Bill NT1R" <wlegge1@maine.rr.com>
- 18) [16534] Re: PC board material?
by neil <neil@aade.com>
- 19) [16535] Re: Proposed 2m frequency for back country / QRP use

by Hank Kohl K8DD <k8dd@contesting.com>

20) [16536] SW 40+
by N9YAI@aol.com

21) [16537] hw-9
by LCox378833@aol.com

22) [16538] OK, a "me too" on request for Elmer 101 materials
by Paula Bailey <pmbail01@ox.slug.louisville.edu>

23) [16539] re: Auttek QF-1A Manual???
by maprath@prairienet.org (Mark A. Prather)

24) [16540] Re: Schematics
by "Frank A. West" <ke6vbm@earthlink.net>

25) [16541] Re: WTB: NCG 15 meter rig (not quite QRP, but I can always turn power , down).
by Tim Ahrens <tahrens@inetport.com>

26) [16542] Re: 2 meter "Backcountry" frequency etc.
by w4pj@w4bkx.ampr.org

27) [16543] Re: 2 meter "Backcountry" frequency etc.
by K0su@kktv.com

28) [16544] Re: HW-9
by w4pj@w4bkx.ampr.org

29) [16545] rangersf5 mail
by Bob Hightower <ki7mn@dancris.com>

30) [16546] Re: hw-9
by Steve Yates <aa5tb@swbell.net>

31) [16547] Audio accessory?
by Scott Bridges <sbridges@qni.com>

32) [16548] Re: hw-9
by "George T. Baker" <w5yr@swbell.net>

33) [16549] More group buys?
by Pat Byers <pbyers@rttinc.com>

34) [16550] Re: Audio accessory?
by "George T. Baker" <w5yr@swbell.net>

35) [16551] Oscilloscope for sale
by "Charles L. Stackhouse" <cstack@safelink.net>

36) [16552] the failed upload
by RangerSF5@aol.com

37) [16553] Re: Art of Electronics
by Leon Heller <leon@lfheller.demon.co.uk>

38) [16554] Re: Thanks! (R1 info)
by Leon Heller <leon@lfheller.demon.co.uk>

39) [16555] Thanks for the QRP+ advice
by joel malman <malman@world.std.com>

40) [16556] FS: Wilderness SST40
by n3bj@hotmail.com

41) [16557] Test
by "Ron Polityka" <wb3aal@talon.net>

42) [16558] Estacion Havanna Cuba
by n4so@juno.com (charles k brown)

- 43) [16559] Re: OK, a "me too" on request for Elmer 101 materials
by mikemo@ibm.net
- 44) [16560] QRP Afield
by Bensondj@aol.com
- 45) [16561] QRP at the Huntsville Hamfest Aug. 15
by "Randy Moore" <wr.moore@worldnet.att.net>
- 46) [16562] RE: hw-9
by Sam Billingsley <SBillingsley@usaninc.com>
- 47) [16563] Elmer101: LMC662CN mod
by Michael Maiorana <mikemo@ibm.net>
- 48) [16564] Jacksonville Ham Fest
by Davewb4@aol.com
- 49) [16565] Re: for "Juno" people
by w0yse@juno.com (Neil Klagge)
- 50) [16566] CQrp Meeting
by SABorns@aol.com
- 51) [16567] SW+ RIT
by "walter.b.thomas.1@pop300.gsfc.nasa.gov" <wthomas@pop300.gsfc.nasa.gov>
- 52) [16568] "Step-up" DC-DC Convertor
by sigcom@juno.com (Stephen M Smith)
- 53) [16569] Re: Torroid question
by Leon Heller <leon@lfheller.demon.co.uk>
- 54) [16570] North Georgia QRP group meeting Aug 22,1998
by Sam Billingsley <SBillingsley@usaninc.com>
- 55) [16571] Non -Radio or QRP related but HELP
by Brad Mugleston <bmug@gwl.com>
- 56) [16572] Re: FS: NC40A and ZM-2
by Bob Hightower <ki7mn@dancris.com>
- 57) [16573] FS: Cascade 20/75 Mtr. SSB Rig - or trade for NCG 15 mtr. SSB
by Bernie Doehner <bad@uhf.wireless.net>
- 58) [16574] RE: Tanner-White Receiver
by "Harry WA3PTG " <hhurst@delaware.infi.net>
- 59) [16575] Re: Band Conditions
by Randy Foltz <rfoltz@wsunix.wsu.edu>
- 60) [16576] FCC ARRL and Pol Cor?NILS!
by Mel Evans <MelEvansGM6JAG@compuserve.com>
- 61) [16577] Michael Maiorana <mikemo@ibm.net>: Elmer101: LMC662CN mod
by n2tpa@juno.com (Bill d Lazure)
- 62) [16578] Semi-qrp-related question
by Don Bowen <don.bowen@chrysalis.org>
- 63) [16579] Schematics
by Tellefsen Bob-CNSE97 <cnse97@lmpsilo2.comm.mot.com>
- 64) [16580] QRP Skeds wanted!
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
- 65) [16581] Re: LED SWR indicator
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
- 66) [16582] Reminder for the AUGUST SPARTAN SPRINT
by "Russ Carpenter" <russ@natworld.com>

- 67) [16583] Need 6M radio control info
by Paul Harden <pharden@aoc.nrao.edu>
- 68) [16584] Re: Band conditions (sort of)
by jeverhar@cse.l-3com.com
- 69) [16585] WSJ Ham Radio Hit(good)
by bcutter@teal.csn.net (Bob Cutter)
- 70) [16586] Re: Backcountry 2M freq
by Steven Weber <kd1jv@moose.ncia.net>
- 71) [16587] TechAmerica
by "Hulbert, Nick" <nick.hulbert@lmco.com>
- 72) [16588] Elmer 101: LMC662 headphone oscillation
by Paul Helbert <phelbert@rica.net>
- 73) [16589] Controller
by "Dan Wolfe" <n4roa@mounet.com>
- 74) [16590] Qrp Boat Anchor on the air
by "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
- 75) [16591] Re: Backcountry 2M freq
by Steve <smann@advi.net>
- 76) [16592] Re: Band Conditions / Fox Challenge
by Joe Gervais <vole@primenet.com>
- 77) [16593] Re: Need 6M radio control info
by "George T. Baker" <w5yr@swbell.net>
- 78) [16594] "Noiseless" Feedback Amp.
by Leon Heller <leon@lfheller.demon.co.uk>
- 79) [16595] Batt. Charger Deal Follow-up
by Ed Loranger <we6w@qsl.net>
- 80) [16596] Re: WSJ Ham Radio Hit(good)
by "George T. Baker" <w5yr@swbell.net>
- 81) [16597] Re: Qrp Boat Anchor on the air
by "George T. Baker" <w5yr@swbell.net>
- 82) [16598] Older Sierra 30 meter module question...
by Mike Parkes <ab7ru@yahoo.com>
- 83) [16599] RE: Need 6M radio control info
by Tracy@bytemark.com (Tracy)
- 84) [16600] 30 meters
by Andy Fox <foxes@theriver.com>
- 85) [16601] Re: RF transistors
by "John P. Spoonhower" <spoon@kodak.com>
- 86) [16602] Ft Tuthill Pics
by Bob Hightower <ki7mn@dancris.com>
- 87) [16603] Re: WSJ Ham Radio Hit(good)
by bcutter@teal.csn.net (Bob Cutter)
- 88) [16604] Portable antennas
by Sachsarch@aol.com
- 89) [16605] SSB Sprint, again
by camqrp@cyberg8t.com (Cam Hartford)
- 90) [16606] Re: 30 meters
by Andy Fox <foxes@theriver.com>

- 91) [16607] Ditto on the Portable Antennas Info.
by DENNISMO@aol.com
- 92) [16608] sale : last day
by cy r currier <crc3@telplus.net>
- 93) [16609] All RIT KIT uploads finished
by RangerSF5@aol.com
- 94) [16610] Info Only - Future of Code Requirements for US Ham Licenses
by "Robert J. Gobrick" <rgobrick@worldnet.att.net>
- 95) [16611] marble polish
by Scott Howell <whowell@hq.nasa.gov>
- 96) [16612] Bumbledybee results
by "Michael A. Gipe" <mgipe@reliablemeters.com>

Date: Thu, 30 Jul 1998 17:02:01 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [16517] Re: Band Conditions
Message-ID: <199807310002.RAA20646@usr01.primenet.com>

Howdy Folks,

John (VE5JCJ) wrote:

>
> Randy (K7TQ, ex-AB7TK) wrote:
> >
> > Wednesday evening from 0300Z to 0430Z in 3 QSOs I worked 3 continents.
> > [...] All were with 5 w into a Gap Titan.
>
> Randy I'm interested in how you have found the GAP Titan's performance
> [...] I've heard it out performs most verticals. Do you agree?

Well, if Randy was using his Titan during the last
Fox Season, it sure didn't outperform *my* HB vert. *8-)

(I've got to pick on Randy 'cuz I lost a bet with him
during last year's Flight o' the Bumblebees. He's
been avoiding a rematch ever since. ;-)

BTW, my HB 1/4-wave vert has 34 radials/900 ft of copper
wire as a groundplane. That may help explain things. Is
the Titan a 1/2-wave approach that needs no radials, or
some kind of odd "1/4-wave with stubby radials" setup?

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's been an exciting week. First the Spice Girls break up, and now we have the first experimental indication that neutrinos have mass."

-- Rocky Kolb of Fermilab, "Astronomy" 9/98 issue

Date: Thu, 30 Jul 1998 17:39:27 -0700
From: George Zafiropoulos <georgez@quickturn.com>
To: qrp-1@Lehigh.EDU
Subject: [16518] Proposed 2m frequency for back country / QRP use
Message-ID: <3.0.5.32.19980730173927.0083b560@mailhost.quickturn.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,
Hard to believe with this group, but I only got two responses to my proposal for establishing a common 2m FM frequency for use in the back country and perhaps for use by the QRP community also.

Why the low response?

Too much controversy over ARRL license proposals?
Everyone uses 146.52 anyway?
Nobody cares?
Aliens stole your brain?

Anyway, you can read the proposal if you missed it the first time on my web site at <http://www.qsl.net/kj6vu> and for those of you who don't have web browser access, here are the responses to my proposal of selecting a 2m simplex frequency, not 146.520, for common use on the trail and for QRP activities...

RESPONSE #1...

The kind of usage you describe below could very well lead to this frequency having all the bad qualities of the first frequency. If you promote it as an intercom at the ham fest you are generating a lot of RF which under the right conditions will filter out into the wilds not to mention the fact that we all have a QRO friend who is not going to be able to resist calling down to the hamfest from their lazyboy to see how things are going.

73 de KE4QOK

Bob

RESPONSE #2

George;

I like your idea. Im glad to hear that there are other QRPers who consider working 2M FM with an HT at 10,000 ft as QRP! I really enjoy taking my HT along on backpacking trips. Doesn't work too well on ski trips tho, some of the ski areas have paging xmtrs on their summits!!!!
73

Sam WA6NGH San Luis Obispo

----- End of comments... -----

Thanks to Bob and Sam for taking the time to send their comments.

I hope this will stir some discussion. Post what you think.

'73 de George KJ6VU

Date: Thu, 30 Jul 1998 17:35:03 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: George Zafiropoulos <georgez@quickturn.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16519] Re: Proposed 2m frequency for back country / QRP use
Message-ID: <Pine.LNX.3.96.980730173259.6878A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Jul 1998, George Zafiropoulos wrote:

> Hi all,
> Hard to believe with this group, but I only got two responses to my
> proposal for establishing a common 2m FM frequency for use in the back
> country and perhaps for use by the QRP community also.

I don't go backpacking all that often, but how about a frequency of 146.420MHz? I do agree with some of the comments, however. This frequency should be used only by QRPers.

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		http://www.dolphin.openprojects.net

Date: Thu, 30 Jul 1998 20:50:39 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Cc: NJQRP Club <njqrp@njqrp.org>
Subject: [16520] Torroid question
Message-ID: <35C114DF.A3791C32@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In the Summer issue of G-QRP SPRAT on Page 29 there is a diagram of a torroid based Z-match. However, I am a little confused about how to wind the torroid. Does the secondary get wound over top of the primary???. Also, are there any other issues about how to wind the torroid that I need to worry about?

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

QRP-L #1618 QRPARCI #8634 NJ-QRP #155 G-QRP #10055

ARRL Life Member

QRP RIGS: HW-7, HW-8, FT-301S

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Thu, 30 Jul 1998 20:45:12 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-1@Lehigh.EDU
Subject: [16521] NCDXF Beacons
Message-ID: <15659@w4bkx.ampr.org>

I've been hearing them on 10m
4U1UN
W6WX
ZS6DN

4Z4B (I think)
CS3B
YV5B
OA4B
and a wisp of 5Z4B

Also on 15m all the above plus
KH6W0

TOO BAD ABOUT THE NCDXF Beacons on 20m

COVERED BY PACKET

I don't have packet hooked up to HF but if I did, would probably copy the stations heard on 14100 and write the ops informing them of the importance of the beacon system there. There has been a packet station just above there for years and with the narrow filter no problem with the beacons, however, there is a new offender right on top when I listened earlier today.

de W4PJ / Scott
----- 73 -----

Date: Thu, 30 Jul 1998 17:54:47 -0700
From: "Andreas Junge" <andreas@atltech.com>
To: qrp-1@Lehigh.EDU
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16522] Re: Proposed 2m frequency for back country / QRP use
Message-ID: <009001bdbc1d\$d1f4d980\$3ad256ce@andreasp.atltech.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would use 146.52 since it is the established FM calling frequency and a lot of people are monitoring it. What was the deal with the wilderness protocol in remote areas - Listening for 5 Minutes at every full hour from 10am to 5pm ?

Andreas, AD6FQ

-----Original Message-----
From: George Zafiropoulos <georgez@quickturn.com>
Date: Thursday, July 30, 1998 5:36 PM
Subject: Proposed 2m frequency for back country / QRP use

>Hi all,
>Hard to believe with this group, but I only got two responses to my
>proposal for establishing a common 2m FM frequency for use in the back
>country and perhaps for use by the QRP community also.
>
>Why the low response?
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>Too much controversy over ARRL license proposals?
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>Nobody cares?
>Aliens stole your brain?
>
>Anyway, you can read the proposal if you missed it the first time on my web
>site at <http://www.qsl.net/kj6vu> and for those of you who don't have web
>browser access, here are the responses to my proposal of selecting a 2m
>simplex frequency, not 146.520, for common use on the trail and for QRP
>activities...
>
>RESPONSE #1...
>The kind of usage you describe below could very well lead to this
>frequency having all the bad qualities of the first frequency.
>If you promote it as an intercom at the ham fest you are generating
>a lot of RF which under the right conditions will filter out into
>the wilds not to mention the fact that we all have a QRO friend who
>is not going to be able to resist calling down to the hamfest from
>their lazyboy to see how things are going.
>73 de KE4QOK
>Bob
>
>RESPONSE #2
>George;
>I like your idea. Im glad to hear that there are other QRPers who
>consider working 2M FM with an HT at 10,000 ft as QRP! I really enjoy
>taking my HT along on backpacking trips. Doesn't work too well on ski
>trips tho, some of the ski areas have paging xmtrs on their summits!!!!
>73
>Sam WA6NGH San Luis Obispo
>----- End of comments... -----
>
>Thanks to Bob and Sam for taking the time to send their comments.
>I hope this will stir some discussion. Post what you think.
>'73 de George KJ6VU
>
>
>

Date: Thu, 30 Jul 1998 21:03:00 -0400
From: beaks@westco.net
To: qrp-1@Lehigh.EDU
Subject: [16523] Rig swap?
Message-ID: <35C117C4.5EEB@westco.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all, I'm still new here but I see ads for rigs to swap and sell and so forth so I'll list one and if its not acceptable to do this, please let me know.

I have a spare rig thats just gathering dust, a Kenwood TS-130s that I would like to swap toward QRP gear. Its solid state, digital, and WARC bands. Pretty decent shape. Works fine. You can email me for more details beaks@westco.net
Arch N8EAG

Date: Thu, 30 Jul 1998 21:13:23 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16524] reflector problems????????????????????????????????????/

Message-ID: <92036911.35c11a3a@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I have not received 1 post since appx 3:30pm on the reflector.
All i see here is my post and direct mail.
Two letters to chuck also bounced.
Others are seeing my post as they are responding to mine but so far,I have not seen a post from anyone else.
The girl thats doing the scanning for me,told me that she can't save it and she'll try tomorrow(Sorry gang)
I also had high hopes of cleaning out all the saved mail.
Anyone out there with a scanner that can take a FAX and upload the info to me?
Bob
WA2HOQ

Date: Wed, 29 Jul 98 21:15:58 -0000
From: Josh.Gould@tigger.axom.com, KC8EQA <josh.gould@axom.com>
To: <weber@accenttech.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [16525] Re: MORSECODEALLRUNNINGTOGETHERHIHI
Message-ID: <199807310126.VAA01414@tigger.axom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I just turned on the tape again for the first time in about a month, I have had to work too much. I learned the letters AET and can copy with 95.8% accuracy<sp> at this point. I will keep the members of the list updated on my progress, as you have given me a will to learn the code again.

Josh
73 & tnx

Date: Thu, 30 Jul 1998 18:09:25 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16526] Re: reflector problems????????????????????????????????????/ Message-ID: <Pine.LNX.3.96.980730180833.9869A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Jul 1998 RangerSF5@aol.com wrote:

> I have not received 1 post since appx 3:30pm on the reflector.
> All i see here is my post and direct mail.

For me, the mailing list is working correctly. I've seen everything you posted. In fact, I replied to one of your messages regarding the SW-40+ rig. Did you receive it?

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		http://www.dolphin.openprojects.net

Date: Thu, 30 Jul 1998 21:24:33 -0400
From: "Bill NT1R" <wlegge1@maine.rr.com>
To: <georgez@quickturn.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16527] Re: Proposed 2m frequency for back country / QRP use
Message-ID: <199807310122.VAA18513@prefetch-atm.maine.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Doesn't everyone use 146.72?

> From: George Zafiropoulos <georgez@quickturn.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Proposed 2m frequency for back country / QRP use
> Date: Thursday, July 30, 1998 8:39 PM
>
> Hi all,
> Hard to believe with this group, but I only got two responses to my
> proposal for establishing a common 2m FM frequency for use in the back
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> Why the low response?
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> trips tho, some of the ski areas have paging xmtrs on their summits!!!!
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> Sam WA6NGH San Luis Obispo
> ----- End of comments... -----
>
> Thanks to Bob and Sam for taking the time to send their comments.
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> '73 de George KJ6VU
>
>
>

Date: Thu, 30 Jul 1998 18:20:13 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Bill NT1R <wlegge1@maine.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16528] Re: Proposed 2m frequency for back country / QRP use
Message-ID: <Pine.LNX.3.96.980730181941.10289C-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Jul 1998, Bill NT1R wrote:

> Doesn't everyone use 146.72?

Is this the official QRP 2m frequency? I never knew that... Learn new stuff everyday =)

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		http://www.dolphin.openprojects.net

Date: Thu, 30 Jul 1998 21:36:32 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16529] Problems???
Message-ID: <f4edb99c.35c11fa1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

If anyone out there sees this post (I see It) (HI)
Please mail direct as for now all I can receive is direct mail.
Need someone I can send a fax to and then have it returned so I may upload it
to the list of names I have here
Bob
WA2HQQ

Date: Thu, 30 Jul 1998 18:38:13 -0700
From: W7LS <w7ls@blarg.net>
To: qrp-1@Lehigh.EDU
Subject: [16530] Backcountry 2M freq
Message-ID: <35C12005.64E8@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Well, given that the density of all hams in a remote area is already
low, I'm happy if we can just agree on a freq and forget the qrp angle.
Out here in Washington State, we have gobs and fistfulls of mountains and
valleys. 2m is lucky to go a few miles. Very lucky. Even with 50 watts
it's hard to get around hills. We mostly use repeaters out of necessity.

If hamdom just agreed upon a freq, it would go a long way. 146.52
is a common freq around here.

My 2 cents. 73 de Jim W7LS

Date: Thu, 30 Jul 1998 20:53:59 -0500
From: n5inz@juno.com (John M Andrews)
To: QRP-1@Lehigh.EDU
Subject: [16531] Re: reflector problems????????????????????????????????????/

Message-ID: <19980730.205400.3198.18.N5INZ@juno.com>

No- Bob

It's on your end. Tried to reach you twice
and it bounced both times.

N5INZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 30 Jul 1998 21:47:52 -0400
From: "A.E.Lake" <RadKit@compuserve.com>
To: Unknown <qrp-1@Lehigh.EDU>
Subject: [16532] Line Sampler - HELP!
Message-ID: <199807302148_MC2-54B2-6423@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Some while back I remember reading details of the design of a line-sample=
r.

Trouble is I can't remember where I saw it. I thought it was in the ARRL
Handbook but I just cannot find any details in any of them!

Any ideas?

73, Alan, G4D VW

Date: Thu, 30 Jul 1998 21:52:35 -0400
From: "Bill NT1R" <wlegge1@maine.rr.com>
To: "KC5TJA" <kc5tja@topaz.axisinternet.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16533] Re: Proposed 2m frequency for back country / QRP use
Message-ID: <199807310150.VAA20501@prefetch-atm.maine.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

If it is a simplex freq. we should use it. Be easy to remember.

> From: KC5TJA <kc5tja@topaz.axisinternet.com>

> To: Bill NT1R <wlegge1@maine.rr.com>
> Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Re: Proposed 2m frequency for back country / QRP use
> Date: Thursday, July 30, 1998 9:20 PM
>
> On Thu, 30 Jul 1998, Bill NT1R wrote:
>
> > Doesn't everyone use 146.72?
>
> Is this the official QRP 2m frequency? I never knew that... Learn new
> stuff everyday =)
>
>

```
=====
>      KC5TJA/6      |      -| TEAM DOLPHIN |-
>      DM13          |      Samuel A. Falvo II
>      QRP-L #1447   |      http://www.dolphin.openprojects.net
>
```

Date: Thu, 30 Jul 1998 18:59:10 -0700
From: neil <neil@aade.com>
To: PDouglas12@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16534] Re: PC board material?
Message-ID: <35C124EE.2A41@aade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't make my own circuit boards but I use double sided material to make chassis and cabinets. It provides shielded compartments when cut and soldered together.

I get mine from Electronic Goldmine
<http://www.goldmine-elec.com>

--
Neil
<http://www.aade.com>
<mailto:neil@aade.com>
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Fri, 31 Jul 1998 02:03:09 +0100
From: Hank Kohl K8DD <k8dd@contesting.com>
To: wlegge1@maine.rr.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16535] Re: Proposed 2m frequency for back country / QRP use
Message-ID: <3.0.5.32.19980731020309.0094f4d0@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

146.720 is not a simplex frequency. In some states (the ones with 20khz spacing) it is a repeater frequency. In the others (the ones with 15khz spacing) it is between repeater frequencies (146.715 and 146.730).

73 Hank K8DDD

At 09:52 PM 7/30/98 -0400, Bill NT1R wrote:
>If it is a simplex freq. we should use it. Be easy to remember.
>
>-----
>> On Thu, 30 Jul 1998, Bill NT1R wrote:
>>
>> > Doesn't everyone use 146.72?
>>
>> Is this the official QRP 2m frequency? I never knew that... Learn
new
>> stuff everyday =)
>>
>>

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@t1r.com)
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Thu, 30 Jul 1998 22:15:01 EDT
From: N9YAI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16536] SW 40+
Message-ID: <3ea22d4b.35c128b4@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Guys,

Well, if you want a fine little rig, check out the Small Wonders 40+. I Recently won one at the 3 Days in MAY QRP symposium in Dayton. Thanks to Mr Dave Bensons generosity I have one Fantastic little rig. The instructions were great and With my building skills thats a real plus. The rig fired right up with up to 2 watts out and a very clean signal. I was so impressed with the sound from the little rig, that I showed it to a friend who has been in QRP for a long time. In fact he liked it so much I allowed him to borrow it for a trip to Canada. I hope it doesn't take to much arm twisting to get it back. Anyway, Thanks Dave for all the fun and enjoyment I have gotten from the kit....

p.s. I really recommend the enclosure kit also. Makes the rig look real NICE

72's
Randy Jobe (N9YAI)

Date: Thu, 30 Jul 1998 22:14:51 EDT
From: LCox378833@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16537] hw-9
Message-ID: <89a06284.35c1289c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

i keep blowing the xsisters in my hw-9 when the wind blows my antenna and the swr jumps up. does anyone have any ideas about this problem?

thanks Lane Cox n6nlb

Date: Thu, 30 Jul 1998 22:19:32 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16538] OK, a "me too" on request for Elmer 101 materials
Message-ID: <Pine.LNX.3.96.980730220738.13673D-1000000@ox.slug.louisville.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I rather hate to make a "me too" post, but, well...

Does anyone happen to have to complete set of Elmer 101 posts (both the lessons and commentaries) handy that they could care to bounce me, either separately or in a ZIP file?

(Let's just say that I got what I wanted for my birthday. :) Hence, even though I'd be *waaaaaaaay* behind, I'd sort of like to follow the lessons as I build the little SW-40. :)

As a minor aside--with the first lesson or two I got off the net, along with the instructions, I'm rather impressed on how it's going so far. Prolly be a while before I get the transmitter part done, owing as I'm purposely delaying that till I get that nice General or Tech+ license :) but the receiver part should help much in my code practice...hopefully I'll have the license before the spring meet at Bristol, TN, and I'll be able to see how well one can do QRP in an RV (with 12 volt plugins all over the place :). :)

I must also admit that I have *never* wrapped a toroid before tonight (in preparing stuff for the next segment or two). Simpler than I'd thought, though... :)

As for the FCC's plans on "liberalising" the licensing...ok, 5wpm for General (oh, ahem, Class B :) I can see, sort of--that's roughly what it is in the rest of the world for roughly a General-ish license--but the rest of it, especially the "official FCC proposal"...pardon my language, but who passed the brown acid to the FCC chairpersons? What sort of funky drugs were they taking when they thought of this? Because there isn't ANY way they could have thought of this in a sober state... :P

(On second thought, I have a rough idea who gave the funky drugs to the FCC chairfolk [cough cough ahem megacorps with bigbucks cough ahem]... and I'm buggered as anyone else is on how to fix it short of having at least one ham try to run for office in each state so that we pack Congress with hams... :P)

-pb

Date: Thu, 30 Jul 1998 21:20:10 -0500 (CDT)
From: maprath@prairienet.org (Mark A. Prather)
To: qrp-1@Lehigh.EDU

Subject: [16539] re: Autek QF-1A Manual???

Message-ID: <199807310220.VAA14467@firefly.prairienet.org>

Sorry, but someone was looking for info on the QF-1A... I thought I had saved your email address, but cannot find it... Please drop me a note, and will be happy to snail mail you the info that you need!

72, Mark

--

* Mark A. Prather - WB9HFK * maprath@prairienet.org *

* QRP ARCI #9472 - QRP-L #1159 * mprather@halcomm.com *

Date: Thu, 30 Jul 1998 18:39:15 -0700

From: "Frank A. West" <ke6vhm@earthlink.net>

To: <josh.gould@axom.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [16540] Re: Schematics

Message-ID: <199807310227.TAA14305@hawk.prod.itd.earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Unless there is a specific item you are not sure of that we can help you with, there is a great little book "How to Read Schematics" by Donald Herrington published by Howard W. Sams is a fine source of information.

72 de KE6VHM Frank

> From: Josh.Gould@tiger.axom.com; KC8EQA <josh.gould@axom.com>

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

> Subject: Schematics

> Date: Tuesday, July 28, 1998 5:12 PM

>

> Can any one give me any tips on how to read a schematic?

>

> Josh

> 73 & tnx

>

Date: Thu, 30 Jul 1998 21:42:18 -0500
From: Tim Ahrens <tahrens@inetport.com>
To: bad@uhf.wireless.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16541] Re: WTB: NCG 15 meter rig (not quite QRP, but I can always turn power , down).
Message-ID: <35C12F0A.84AFDB77@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

With this list, it's gonna be some kinda cross-country trip! :-)))

Tim W5FN

Bernie Doehner wrote:

>
> Please send price/condition.. Wanted for cross-country trip...
>
> Also let me know your interest in trading for:
> FT690RII (6 meters)
> Midland Syntech converted to 6FM (50W, 80 channels)
> IC-2AT
> TH-31AT
> IC-U16
> IC-12AT
> 900 Mhz. vertical
> 900 MHz. 33 element loop yagis (2).
> HP8558B spectrum analyzer.
> Norcal Cascade 75/20 meter SSB rig.
>
> Thanks.
>
> Bernie

Date: Thu, 30 Jul 1998 22:56:11 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-1@Lehigh.EDU
Subject: [16542] Re: 2 meter "Backcountry" frequency etc.
Message-ID: <15691@w4bkx.ampr.org>

I dunno. Kinda flat around here and if I needed help in the "Backcountry" a cellphone would be my 1st choice. A marine VHF would be the preferred second choice. "Backcountry" means from

the Florida Keys Gulf side up through Florida Bay and into the Ten Thousand Islands (as opposed to "Outside" in the Atlantic Ocean). I could probably reach the Homestead repeater with HT and 5w. It's on a 1400 ft tower (Channel 6 TV).

The only wilderness around here is also flat. The Everglades situation would have to be the same as above. Airboat problems etc. can mean big time life and death situations out there. Waiting for the top of the hour and hoping there is someone who just "Maybe" listening won't cut it! (Read the news earlier this week when an experienced team - Researcher and Seminole Indian guide got into trouble. Couple of hours later the woman researcher was dead and the guide delirious from the heat and exposure.) They used the cellphone and help arrived as soon as absolutely possible. Still too late.

de W4PJ / Scott Ft. Lauderdale, FL
----- 73 -----

Date: 30 Jul 1998 21:14:54 -0700
From: K0su@kktv.com
To: qrp-1@Lehigh.EDU
Subject: [16543] Re: 2 meter "Backcountry" frequency etc.
Message-ID: <199807310311.XAA39552@nss4.cc.Lehigh.EDU>

Around here I use 146.52 MHz when I am backpacking. Try to listen at the top of the hour, but sometimes forget. I don't leave the rig on all of the time out of consideration for other hikers. After all, it is supposed to be the wilderness.

BTW, I will be in the Lost Creek Wilderness Area, west of Colorado Springs and around 8,000 feet this weekend Listen for me on 40 meters.

73, Rick
K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539 -- ARS #64
www.qsl.net/k0su

Date: Thu, 30 Jul 1998 23:25:18 EDT
From: w4pj@w4bkx.ampr.org

To: qrp-1@Lehigh.EDU
Subject: [16544] Re: HW-9
Message-ID: <15696@w4bkx.ampr.org>

LCox378833@aol.com writes:
I keep blowing the xsisters in my hw-9 when the wind blows my antenna and the swr jumps up. does anyone have any ideas about this problem?

Yeh <maybe a little sarcastic, but honestly> fix ur antenna.

de W4PJ / Scott
----- 73 -----

Date: Thu, 30 Jul 1998 20:45:10 +0000
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-1@Lehigh.EDU
Subject: [16545] rangersf5 mail
Message-ID: <199807310340.UAA11218@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bob, it says that your mailbox is full.....won't take any more messages

sorry for the b/w, but can't get to him direct.

Date: Thu, 30 Jul 1998 22:53:33 -0500
From: Steve Yates <aa5tb@swbell.net>
To: LCoX378833@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16546] Re: hw-9
Message-ID: <35C13FBD.8436AEE0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lane,

This is just a thought but if you live in a dusty area very high voltages (thousands of Volts) can develop on your antenna when the wind blows dust across it unless a DC path exist to ground from both of the

feed line conductors. If this occurs, your transistors may be damaged from the ESD (electrostatic discharge). A possible cure could be to install a RF choke across your feed line or a NE-2 neon bulb at the rig. The NE-2 will fire at about 60 Volts and if you install it at a 50 Ohm point like at your rig's antenna connector it will prevent ordinary potentials from exceeding 60 Volts. The RF choke is the best idea because it will keep everything at the same DC potential (60V limit may not be good enough but it's worked for me). The choke should have high reactance at your operating frequencies.

Another obvious thought is that if your SWR is getting very high, you are simply damaging your transistors by the high voltages potentials that are developed when looking into a bad mismatch. Good luck.

73,
Steve Yates
AA5TB
Fort Worth

LCox378833@aol.com wrote:

>
> i keep blowing the xsisters in my hw-9 when the wind blows my antenna and the
> swr jumps up. does anyone have any ideas about this problem?
>
> thanks Lane Cox n6nlb

Date: Thu, 30 Jul 1998 23:07:42 -0500
From: Scott Bridges <sbridges@qni.com>
To: qrp-l@Lehigh.EDU
Subject: [16547] Audio accessory?
Message-ID: <35C1430D.86F417BD@qni.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm very new to the list and I'm not sure that QRPers would even have much interest in what I'm looking to build but here goes...I'm interested in building an amplified speaker for my shack. Some kind of filtration and tone controls would be nice, but I'm foremost interested in rich sounding audio. Does anyone know of plans for a 2-5 watt audio amplifier and or any other plans that might help?

Thanks,

Scott, KB0PQE

Date: Thu, 30 Jul 1998 23:17:00 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: aa5tb@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16548] Re: hw-9
Message-ID: <35C1453C.E3E43104@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lane, don't take this the wrong way now, but the first thing I would do is to arrange things such that (1) the wind didn't move the antenna enough to appreciably change the SWR and (2) find out exactly what is changing in the system to reflect a change in SWR. I really doubt from your brief description that the SWR is changing as a result of the antenna moving in the wind unless it is very close to some conducting body like a wall or roof, etc. So, I lean towards Steve's notion of eliminating the possibility of static discharge being the culprit.

One additional thought:

Seems to me that the most effective way to discharge the sand static (or static from any other mechanism) would be to return each conductor of the transmission line to ground through either an r-f choke or a high-value resistor. ^^^^^^

On my 1/4-wave 40-meter vertical I have a 3 mH choke connected from the feedpoint to the 60-radial field and earth ground. A large value of resistance (100's of Kohms to a few megs) will also work well - the exact resistance is not critical - use whatever is handy. Also the wattage rating doesn't matter too much - 1/2 watt is adequate unless you are REALLY getting some industrial-strength sand static!

The neon bulb across the line is also effective in some instances, especially for tube finals, but I would suspect that by the time it fired at about 60 volts your transistor r-f finals would be crispy critters long before.

72/73, George
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Steve Yates wrote:

>
> Lane,
>
> This is just a thought but if you live in a dusty area very high
> voltages (thousands of Volts) can develop on your antenna when the wind
> blows dust across it unless a DC path exist to ground from both of the
> feed line conductors. If this occurs, your transistors may be damaged
> from the ESD (electrostatic discharge). A possible cure could be to
> install a RF choke across your feed line or a NE-2 neon bulb at the
> rig. The NE-2 will fire at about 60 Volts and if you install it at a 50
> Ohm point like at your rig's antenna connector it will prevent ordinary
> potentials from exceeding 60 Volts. The RF choke is the best idea
> because it will keep everything at the same DC potential (60V limit may
> not be good enough but it's worked for me). The choke should have high
> reactance at your operating frequencies.
>
> Another obvious thought is that if your SWR is getting very high, you
> are simply damaging your transistors by the high voltages potentials
> that are developed when looking into a bad mismatch. Good luck.
>
> 73,
> Steve Yates
> AA5TB
> Fort Worth

Date: Thu, 30 Jul 1998 22:18:03 -0600
From: Pat Byers <pbyers@rttinc.com>
To: <qrp-1@Lehigh.EDU>
Subject: [16549] More group buys?
Message-ID: <3.0.5.32.19980730221803.007fb5c0@mail.rttinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

I'd like to take the opportunity to thank Paul, WV3J, for agreeing to distribute LMA662CN-ND ICs. For anyone else who might be interested in conducting one of these group buys/group distributions, I'd be interested in a few of the new low dropout micropower voltage regulators such as the LT1121, LP2950, or LP2951.

With the currency exchange rates the way they are, it's a heavy hit for your bretheren up north to satisfy the major vendors who often require big minimum orders.

73,

Pat Byers, VE6AAN
Lacombe, AB

Date: Thu, 30 Jul 1998 23:33:14 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: sbridges@qni.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16550] Re: Audio accessory?
Message-ID: <35C1490A.7C4C60CB@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Scott, conventional wisdom (for what that's worth!) says that the last thing you want in the ham shack is wide frequency range "rich sounding" speaker systems. Unless you are copying one of the few AM stations on 20 or 75 under very good signal to noise conditions and little or no QRM and QRN, there is scant opportunity to enjoy a wide frequency range. Or maybe you enjoy listening to SW broadcast.

So, if you want to try it, the first thing I would do is hook up a good pair of stereo headphones to the receiver and try that for a few days to see how you really like listening to that sort of frequency response. Remember that your receiver and its internal filtering is setting the frequency content of what you are hearing.

If you find that you enjoy it, then just pick up a suitable speaker - RS carries some that would be useful - and try it. I would think that most transceivers these days have enough audio output to push a small speaker without adding an outboard amplifier. Maybe not . . .

Most of the better HF transceivers these days have speakers that are really quite good and most of those incorporate audio filters to set the passband. For example, my IC-765 uses the Icom SP-20 speaker which I find to be surprisingly "hi fi" for its size. I certainly couldn't use anything with any more frequency response.

My experience has been that although I use "hi fi" headphones (Heil Pro Set) for convenience, I listen most of the time to the 120-hz passband of my NIR-12 DSP filter on cw so the frequency range of the phones is largely wasted.

Finally, there are speaker systems such as you suggest already on the market. Check around in a few issues of QST - I have seen them but don't remember off hand the name of the manufacturer. One model I recall is about \$250 but look like it would work well.

72/73, George

Amateur Radio W5YR, 52 years and counting!

QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Scott Bridges wrote:

>
> I'm very new to the list and I'm not sure that QRPers would even have
> much interest in what I'm looking to build but here goes...I'm
> interested in building an amplified speaker for my shack. Some kind of
> filtration and tone controls would be nice, but I'm foremost interested
> in rich sounding audio. Does anyone know of plans for a 2-5 watt audio
> amplifier and or any other plans that might help?
>
> Thanks,
>
> Scott, KB0PQE

Date: Thu, 30 Jul 1998 22:42:31 -0600
From: "Charles L. Stackhouse" <cstack@safelink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [16551] Oscilloscope for sale
Message-ID: <19980731044607214.AAF176@safelink.safelink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

For Sale:

Oscilloscope Hitachi V-152F dual trace, 15 MHz (but I displayed sine wave up to 29 MHz), 2 probes, good condition with nice clear trace, \$125 plus shipping. Great for QRP homebrewing or checking kits.

Charlie WA2IPZ QRP-L #362

Date: Fri, 31 Jul 1998 02:00:10 EDT

From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16552] the failed upload
Message-ID: <4a3e2059.35c15d6b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Sorry guy's/gal's

The girl that did the scan was not able to SAVE the info to upload to me.

She has her brother who is going to do it tomorrow.

PLEASE DO NOT *E* MAIL ME FOR THE INFO.

I had so much mail today it was bouncing back.

Please hang tight and i'll make a post then all of you who want it can send an *E* mail direct.

This way,I can delete after the upload and keep the mail open

So far 82 hams want it.

How do I get my self involved in stuff like this?????????.

Well,

I'll get it out tomorrow night if I have to pay that commercial store

73's for now

Bob

WA2HOQ

PS:

The persons who already requested the info,

I have your mail saved.

No need to reply to the post as it will be the first batch to go

Date: Fri, 31 Jul 1998 04:04:26 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: foxes@theriver.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16553] Re: Art of Electronics
Message-ID: <BwvIrNA6QTW1Ewe\$@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <35BF8F77.1C4F@theriver.com>, Andy Fox <foxes@theriver.com>
writes

>Hello,

>

>I sent requests to Cambridge University Press and Amazon.com in hopes of
>finding out if and when the 3rd edition of "Art of Electronics" would be
>released. Neither of them are aware of a new edition in the works.

>Here is a copy of the CUP response:

Winfield Hill was often to be found lurking on the sci.electronics.design NG, and mentioned some months ago that they were working on a third edition. I haven't seen anything from him there for some time, perhaps he is too busy finishing the book. He has a web site (I can't remember the URL) which might have some more info. on progress.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of a simple AD9850 DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Fri, 31 Jul 1998 04:19:02 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: Tracy@bytemark.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16554] Re: Thanks! (R1 info)
Message-ID: <JwoKbUAmeTw1EwfA@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <000001bdbb6e\$5e8038a0\$df241ad1@titan>, Tracy <Tracy@bytemark.com> writes
>Thanks to everyone who forwarded me info on the R1 receiver. I've managed to
>acquire enough parts to build one, and have pulled off a trade for a built
>one.
>
>Any advice for modifications to the R1 for using it as a product detector
>after a fairly powerful IF amp? I'm using the IF amp and crystal filter
>design from the "Progressive Communication Receiver" by Wes Hayward in some
>mid 80's QST's, also seen in the late 80's ARRL handbooks in chapter 30 as a
>"High Performance Communications Receiver." I know the distributed
>amplification is a bit high, and I figured the audio stage could be reduced
>a bit.
>
>This will be a single conversion scheme with a 9 MHz IF. Any suggestions?

Why not dispense with the IF amplifier and filter, and just feed the mixer straight into the R1?

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of a simple AD9850

DDS system. See " "/diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Fri, 31 Jul 1998 05:42:16 -0400
From: joel malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: malman@world.std.com
Subject: [16555] Thanks for the QRP+ advice
Message-ID: <199807310942.AA02601@world.std.com>

Thanks to everyone for the info/advice on repairing my QRP+. Some of the horror stories did not paint a happy picture. I decided to fix the rig myself.

The symptoms were: Rig stuck in Transmit mode, and display frozen.

I found a temporary fix for the 'stuck in TX mode' by using a mini-mono phone plug in the paddle port (really) -- that stopped the rig from always transmitting.

The display and memory were still frozen. I reinitialized the CPU, but the memory and display were now frozen at that factory settings.

In the end the fix was to remove the battery and then reinstall (reseat) it. That fixed the memory/display problem and even fixed the 'stuck in TX mode' problem.

Bench time: 1.5 hours
Cost: \$0.00

/joel wa1qvm (Concord, Mass)

Date: Fri, 31 Jul 1998 11:01:28 GMT
From: n3bj@hotmail.com
To: qrp-l@Lehigh.EDU
Subject: [16556] FS: Wilderness SST40
Message-ID: <199807311101.GAA05514@x9.dejanews.com>

For Sale:

Wilderness SST40, well built, looks good and works fine. With original manual.

\$75 shipped

Alan, N3BJ
Bent Mountain, VA

Date: Fri, 31 Jul 1998 07:08:47 -0400
From: "Ron Polityka" <wb3aal@talton.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [16557] Test
Message-ID: <006a01bdbc73\$99985480\$185445c6@RonaldJ.Polityka>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Date: Fri, 31 Jul 1998 07:33:14 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [16558] Estacion Havanna Cuba
Message-ID: <19980731.113102.7935.4.n4so@juno.com>

Radio Havanna Cuba
9820 KHZ at 0125z s-9 plus 40

Announcer says - 6000 Khz and 13605 Khz SSB.
Confirmed 13605 Khz in SSB mode, the others are AM.
I am not receiving 6000 Khz at this time.

28 Mhz Beacons on 28.200 NCDXF beacons

CS3B
YV5B signal stays nearly the same for all power levels
down to .1 watt
5Z4B? vy weak

KEN BROWN N4SO
QRP-L #622/Near Mobile, AL EM50tk
n4so@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 31 Jul 1998 07:30:21 -0400
From: mikemo@ibm.net
To: pmbail01@ox.slug.louisville.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16559] Re: OK, a "me too" on request for Elmer 101 materials
Message-ID: <35C1AACD.5AC8@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Does anyone happen to have to complete set of Elmer 101 posts (both the
> lessons and commentaries) handy that they could care to bounce me, either
> separately or in a ZIP file?

Yes, the info is on the web at <http://www.qsl.net/kf4trd>
I have not uploaded the last three sections but will do so shortly (been
kinda busy).

When I compile the remainder of the info I can make a zip file for those
who don't have web access.

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

Date: Fri, 31 Jul 1998 07:40:50 EDT
From: Bensondj@aol.com
To: qrp-l@Lehigh.EDU
Subject: [16560] QRP Afield
Message-ID: <c636496a.35c1ad43@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

gang-

It's getting to be that time of year again!

Mark your calendars- 'QRP Afield' will be on Saturday, Sept. 19 this year. This is the 'granddaddy' of the QRP field sprints and you don't want to miss this one.

I'll put up more information later. In the meantime- if you haven't participated in one of these events before, they're a blast. Finish off that compact tuner project, put together a 'killer' portable antenna, and get ready for some serious fun!

72, Dave Benson- NN1G

Date: Fri, 31 Jul 1998 08:00:10 -0500
From: "Randy Moore" <wr.moore@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "Chuck Lewis" <clewis@ro.com>
Subject: [16561] QRP at the Huntsville Hamfest Aug. 15
Message-ID: <000401bdbc83\$260a7880\$0b02430c@deputy-dog>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am delighted to announce to you good folks that the Huntsville Hamfest (Huntsville, AL) will host a 5-hour QRP Forum on Saturday, August 15, beginning at 11:00AM. The distinguished presenters will be Chuck Adams, K5FO, L.B. Cebik, W4RNL, Jim Stafford, W4QO, and Mike Maiorana, KU4QO. More details later, but you don't want to miss Chuck's CW speed test or the opportunity to win some great door prizes! The Huntsville Hamfest has become one of the finest in the country, and is certainly a lot of fun. It's all indoors in a new portion of the Von Braun Center, with a huge flea market and gobs of vendors and manufacturers. Mark Saturday Aug. 15 and yall come on down!

73,
Randy, KS4L

Date: Fri, 31 Jul 1998 09:34:47 -0400

From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [16562] RE: hw-9
Message-ID: <21E06269B00ED111BE9B00805F6D0FA330913A@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

Lane,

Sounds like you have two problems (1) BIG changes in SWR with the wind. BADs connections, wire rubbing something, etc. thats the first thing to fix. (2) The HW-9 should be OK for any reasonable SWR <3:1.

Fix the antenna first.

Good Luck and 72's,

Sam Billingsley AE4GX e-mail: sbillingsley@usaninc.com
Atlanta, GA

Wire (Inverted L), Butternut Vert, AEA IsoLoop, Parking Lot Portable
Vertical(PLPV)

40mtrRamsey QRP+ HW7 HW8 HW9 NorCal 38S PixieII

NORCAL 2210 MI-QRP 1567 QRP-L 1033 ARCI 9356 AKQRP 308
GQRP 9660 ARS 269 NOGA CQC 454

> -----Original Message-----

> From: LCox378833@aol.com [SMTP:LCox378833@aol.com]

> Sent: Thursday, July 30, 1998 10:15 PM

> To: Low Power Amateur Radio Discussion

> Subject: hw-9

>

> i keep blowing the xsisters in my hw-9 when the wind blows my antenna

> and the

> swr jumps up. does anyone have any ideas about this problem?

>

> thanks Lane Cox n6nlb

Date: Fri, 31 Jul 1998 10:06:55 -0400

From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [16563] Elmer101: LMC662CN mod
Message-ID: <35C1CF7F.48D3B142@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got my parts for this mod yesterday. National Semiconductor LMC662CN op amps to replace the Texas Instruments NE5532P that is in the SW-40+. The idea is to reduce receive current draw by 5 mA.

I measured current draw of 16.5 mA with nothing connected (no antenna or headphones). Then I replaced the 5532 with the 662. Idle current dropped 6 mA from 16.5 to 10.5. Cool! Then I connected the headphones. No noticeable difference in background noise. Then I connected the antenna. It immediately broke into oscillation at about 800 Hz. Bummer. Tried another part (I always buy two, just in case). Same thing. Hmmmmmm. Turned the RF gain all the way down. Sometimes it would oscillate, others it would not. Any time there was signal to the headphones it would break into oscillation.

I didn't have time to check anything else but I will tonight. Perhaps it is the low impedance of my headphones (wired in parallel). Maybe the open loop gain of these parts is higher and requires a component change.

I'll keep you posted.

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"And if I have prophetic powers, and understand all mysteries and all knowledge, and if I have all faith, so as to remove mountains, but have not love, I am nothing"

Date: Fri, 31 Jul 1998 10:09:47 EDT
From: Davewb4@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16564] Jacksonville Ham Fest
Message-ID: <812f58d1.35c1d02c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Is anyone going to the hamfest in Jax this weekend. I will be there on Sunday from about 9:30 to 2:00 . Let me know and we can have a cup of coffee

73

Dave Rogers
WB4CHK

Date: Fri, 31 Jul 1998 05:06:35 -0600
From: w0yse@juno.com (Neil Klagge)
To: qrp-1@Lehigh.EDU
Subject: [16565] Re: for "Juno" people
Message-ID: <19980731.081100.14286.0.w0yse@juno.com>

Gary, and others who wondered,

The schematic was one I copied from list-mail we all received from Chuck, K1CL recently. Thanks to Chuck for another neat project and/or modification. I Cant wait to build it.

72's
Neil, w0yse since '54
now from Layton, Utah
ARCI, NORCAL, CQC

----- Begin forwarded message -----
From: "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
To: <w0yse@juno.com>
Subject: Re: for "Juno" people
Date: Thu, 30 Jul 1998 15:24:28 -0400
Message-ID: <19980730192551.GXYR4819@gary>

What is this a schematic of??
Thanks

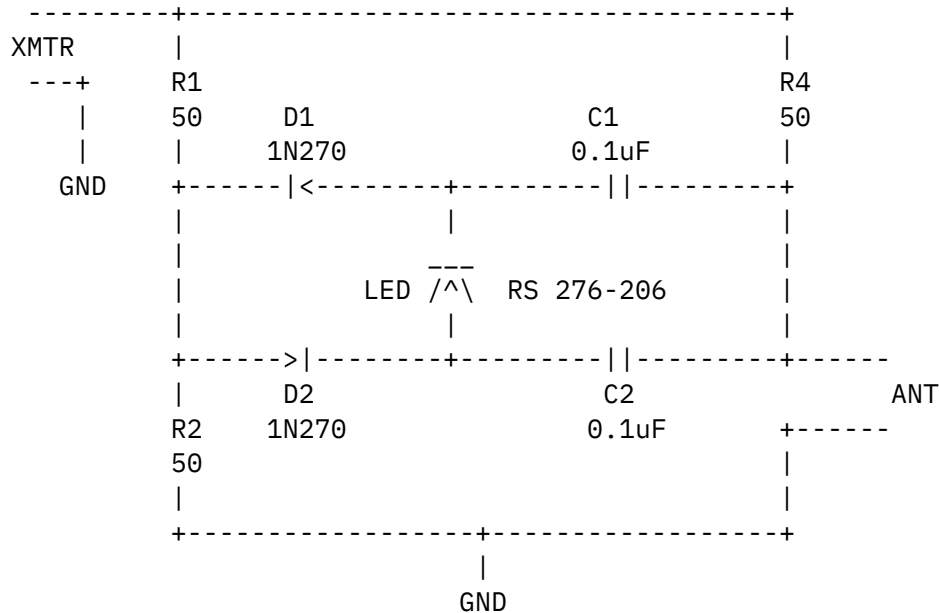
Gary
W2UX
Lexington, SC

CW is the REAL THING! Use it or lose it.....

Copied from Chuck's email:

Here's a simple variation on the venerable LED SWR bridge/indicator. The circuit uses a diode voltage doubler to increase overall sensitivity, in conjunction with a superbright LED (Radio Shack part). No torroids to

wind, no
meters.



The combination of the voltage doubler circuit and the superbright LED makes this circuit useful down to a few hundred milliwatts. I've tested it with a Pixie2 at about 250mW, and it still allows one to adjust a tuner to an SWR of less than 1.5 to 1 (actually, even better if one adjusts to the center of the "dark" range when tuning).

The 1N270 is a high current (compared to a 1N34) Germanium diode. Others, including the common silicon 1N914 will work, but with somewhat less sensitivity.

>From tests and simulation, this circuit should work OK from a few hundred milliwatts up to two watts, perhaps a little more before something smokes. On the higher end, it's a little harder to adjust since variations in very bright light levels are hard to detect.

Regards and 72 DE K1CL,

Chuck.

----- End forwarded message -----

Sorry I didn't identify it earlier,

Neil, w0yse

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Date: Fri, 31 Jul 1998 10:24:36 EDT
From: SABorns@aol.com
To: qrp-l@Lehigh.EDU
Subject: [16566] CQrp Meeting
Message-ID: <c6378679.35c1d3a5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The August CQrp meeting will be held on August 8th at Universal Radio. The meeting time will be the usual 10:30.

The usual first Saturday date has been changed so as not to conflict with the Columbus Hamfest.

73, Steve K8IDN

Date: Fri, 31 Jul 1998 10:25:59 -0400 (EDT)
From: "walter.b.thomas.1@pop300.gsfc.nasa.gov" <wthomas@pop300.gsfc.nasa.gov>
To: RangerSF5@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [16567] SW+ RIT
Message-ID: <v03007800b1e7428d5cba@[128.183.210.205]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bob et al:

Dave B. & I are working on a new version of an SW+ series RIT. This version will be much more compact and interface easily with the SW+ board. The RIT board will be mounted by on-board pot and switch hardware. More later.
Walt Thomas K3ASW (ex-WA4KAC)

Date: Fri, 31 Jul 1998 10:26:19 EDT
From: sigcom@juno.com (Stephen M Smith)
To: qrp-1@Lehigh.EDU
Subject: [16568] "Step-up" DC-DC Convertor
Message-ID: <19980731.071224.8143.0.sigcom@juno.com>

Group,

A recent short thread on powering QRP rigs from 6 Volts or feeding the P.A. section of a 12 Volt with 24 Volts popped into my mind recently because I have been evaluating some accessory gadgets that I sell and had a chance to open them up to see what's inside.

These things are called "Plug-in Saver/Chargers" and are made to charge cellular phones and other battery-operated mobile electronic things from the 12 Volt cig. lighter/accessory jack in a motor vehicle.

Naturally, I had to open them up to see what was inside. Inside the cigarette lighter plug housing is a little switch mode power supply, most of them on a circuit board less than an inch square. Almost all of the units, from a diverse number of manufacturers, use the MC34063 or an identical part from UTC or other manufacturers.

So I downloaded the PDF formatted data sheet from Motorola. Very interesting. The 34063 is a DC-DC control chip that requires only about 12 external components to make a DC-DC convertor that will supply up to 1.5A. With an external bipolar current boost transistor, the output current can be even higher. The circuit can be configured for step-up, step-down and inverting. Input voltage can be from 3.0 to 40 Volts. Voltage output is adjustable. Motorola advertises low standby current, current limiting, frequency operation to 100 KHz and a built-in 2%

reference. Neat. Available in 8-pin DIP or SO-8 package.

Now, here's the "scrounger" part: These things are cheap. I can buy them new for a few dollars apiece. But I've also found them free in junk boxes at the swap meet and yard sales! I just didn't realize what I had at the time (I grabbed them for the cig. plug and cable, doh!).

So, for a price from \$0.00 to maybe \$5.00, you can have a 1.5A DC to DC power supply to play with. I'm going to torture one of these things and see just what it will do. Report later.

Usual disclaimer applies, YMMV, yadda yadda yadda.

73.....Steve, WB6TNL Oxnard, CA QRP-L # 621 NorCal Zombie # 2065
SCQS # 41

ex-WN6TNL (1967)

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 31 Jul 1998 08:26:42 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: tjarey@home.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16569] Re: Torroid question
Message-ID: <VC9BGCAyGXw1Ewf5@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <35C114DF.A3791C32@home.com>, "T.J. \"SKIP\" Arey N2EI"
<tjarey@home.com> writes
>In the Summer issue of G-QRP SPRAT on Page 29 there is a diagram of a
>torroid based Z-match. However, I am a little confused about how to wind
>the torroid. Does the secondary get wound over top of the primary???.
>Also, are there any other issues about how to wind the torroid that I
>need to worry about?
>

I just looked at my copy. The secondary is just wound over the primary, starting at the ground connection. It's best to space the secondary turns to occupy the same space as the primary, which should be wound leaving a gap of about 30 degrees. Make the taps by twisting a small loop of the wire and then continue the winding. The windings shouldn't be too tight.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of a simple AD9850
DDS system. See " " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Fri, 31 Jul 1998 10:45:19 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [16570] North Georgia QRP group meeting Aug 22,1998
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3309167@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

Announcing the next North Georgia QRP (NOGAQRP) group meeting on Aug 22,
1998 from 11AM to
2PM at TechAmerica on Buford Hwy just outside of I285 (North Metro
Atlanta, GA).
For more questions and/or directions contact Sam Billingsley AE4GX.

Check out the NOGA Web Page at:
<http://www.america.net/~w4qo/nogaqrp.html>

Sam AE4GX sbillingsley@usaninc.com

Date: Fri, 31 Jul 1998 08:46:41 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@Lehigh.EDU>
Subject: [16571] Non -Radio or QRP related but HELP
Message-ID: <01BDBC5F.BE5505C0.bmug@gwl.com>

This is not radio related - other than if I get an answer I may have more
time to play radio. It deals with Office 97, Word and Access. Delete now
if you don't know or care. Thanks

I am trying to merge some CLIENT information from Access into a Word file.
I get into Word and set up the basic document. When I start mail

merge/Get Data/Open Date Source Word and Access start going then I get to Initializing Dialog for Microsoft Access the computer sits. If I press Alt+Tab I get a new window where I can pick Queries. I select the query I've designed and then it does some other things but eventually it comes back with Word is Unable to Open Data Source.

Has anyone else had this problem and does anyone else have a solution?
I've tried this for two days now (on and off) and I can't get it to work.
I even came in early this morning to see if it was just the load on my network (the access database is on the network all the windows software is on my PC) but it still got to the same place and stopped.

thanks

de KB0ROL, Brad

PS radio related - I got to spend 1 1/2 hours on the 40M novice part of the band last night. It was fun! No pressure just CW (and some noise) BUT FUN!!

Date: Fri, 31 Jul 1998 08:04:23 +0000
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-1@Lehigh.EDU
Subject: [16572] Re: FS: NC40A and ZM-2
Message-ID: <199807311500.IAA14154@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Both items have been sold. Thanks for the interest.

Date: Fri, 31 Jul 1998 08:10:25 -0700 (PDT)
From: Bernie Doehner <bad@uhf.wireless.net>
To: qrp-1@Lehigh.EDU
Subject: [16573] FS: Cascade 20/75 Mtr. SSB Rig - or trade for NCG 15 mtr. SSB
Message-ID: <Pine.BSF.3.96.980731080900.483C-1000000@uhf.wireless.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi:

Selling Norcal Cascade 20/75 Meter SSB transceiver..

Includes manuals schematics, put together by N7KR. Used a couple of times, works well. Moved and no longer able to use because of apartment antenna restrictions and having no desire to run 20 or 75 SSB (QRP) mobile.

Asking \$170 plus shipping or best offer, or trade toward a 15 meter NCG mobile, full coverage scanner (like Icom R10/R100), AOR1000, or 10 meter allmode.

Bernie

Date: Fri, 31 Jul 1998 11:16:23 -0400
From: "Harry WA3PTG " <hhurst@delaware.infi.net>
To: <qrp-1@Lehigh.EDU>
Subject: [16574] RE: Tanner-White Receiver
Message-ID: <199807311514.LAA18920@fh101.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Assembled the kit a week or so ago, applied power and - it didn't work. Then sat it aside until other projects were caught up. This morning I got it out and put it under a strong magnifying glass. Boy, am I sloppy. The code isn't the only thing that has gotten rusty here! After soldering missed points & resoldering suspect joints, I gave it a try. It works!

Now, understand, I've been away from radio for a long time, and my other receiver is much-modified, but still a Ramsey (!!), so I may be easily impressed, but I sure got my money's worth. The board is large, (at least twice as big as an SW40) enough for those with fairly poor eyesight, and the instructions for troubleshooting were right on the money. The instructions are clear, but of the "stuff the board with..." type. I like to build a stage and then test it before moving on. The Tanner-White is completely assembled before testing. I had the same problem with Heathkits.

Total time for construction & troubleshooting was about 3.5 hours.

Looks like I can move my "first QSO" date up to Labor Day. Found there IS a way to squeeze a 40 meter vee on my lot.

Usual disclaimers apply.

At work. dang it! But: It's FRIDAY!
WA3PTG * NJQRP *QRP-L * EPAQRP

Date: Fri, 31 Jul 1998 08:19:18 -0700 (PDT)
From: Randy Foltz <rfoltz@wsunix.wsu.edu>
To: Joe Gervais <vole@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16575] Re: Band Conditions
Message-ID: <Pine.OSF.3.95.980731080434.23721A-1000000@unicorn.it.wsu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 30 Jul 1998, Joe Gervais wrote:

> (I've got to pick on Randy 'cuz I lost a bet with him
> during last year's Flight o' the Bumblebees. He's
> been avoiding a rematch ever since. ;-))

OK that's it! Such arrogance shall not be left unrewarded. There hasn't been an offer of a rematch because the pickings are too easy. However, since you insist. And this time it will be a public match. I propose the following:

FOXES PER WATT - At the end of the 40 m FOX hunt, add up the number of foxes and divide by the summation of the power you used to contact each fox. I.e. 1 fox at 2 w + 1 fox at 0.5 w + 1 fox at 5 w = 3 foxes / 7.5 w = 0.400 compared to 1 fox at 4 w + 1 fox at 2 w + 1 fox at 5 w = 3 foxes / 11 w = 0.273. One with the highest ratio wins. Minimum number of foxes to qualify is 10.

PRIZE - Bottle of barbeque sauce to be presented to the winner at the 1999 Pacificon.

So what do you say, Mr. T T? Ante up!

72,
Randy

K7TQ ARCI QRP-L NORCAL ARS FISTS CQC
Moscow, ID

Date: Fri, 31 Jul 1998 11:19:10 -0400
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [16576] FCC ARRL and Pol Cor?NILS!
Message-ID: <199807311119_MC2-54CA-20C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi gang, and Nils

I am really really worried now! Not only do I understand Nils post, I agree with it entirely!

Put me down para un cuba libre y una cerveza amigo, la vida es mas corta!=

72 and 73 de Mel
GM6JAG
Edinburgh, Scotland UK
Home of the last HW9

Area Chairman, British Caravanner's Club
Web Pages <<http://users.aol.com/bccscot/page1.html>>

Alternate e-mail address: <melgm6jag@aol.com>

Authorised at 11kv, 33kv, and up to 275kv

Check out < <http://users.aol.com/euramcom/welcome.html> >
for details of euro-american components equivalents!

Date: Fri, 31 Jul 1998 11:44:04 -0400

From: n2tpa@juno.com (Bill d Lazure)
To: QRP-L@Lehigh.EDU
Subject: [16577] Michael Maiorana <mikemo@ibm.net>: Elmer101: LMC662CN mod
Message-ID: <19980731.114409.7598.1.N2TPA@juno.com>

Mike,

I would guess the problem you're seeing with the LMC662 is probably the Input impedance, not the Output Z. If the Input Z of this chip is significantly higher than the 5532, it may be more susceptible to the output signal capacitively coupling back to the input. Try shielding your input (if possible) and the output line. Also try placing a resistor from 10K ohms to 100K ohms across the input pins (whatever the input Z of the 5532 was). This will lower your audio SLIGHTLY, but if it fixes the oscillation, it's still an improvement.

Bill Lazure - N2TPA

"remember when hams built their own equipment?"

----- Begin forwarded message -----

From: Michael Maiorana <mikemo@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: Elmer101: LMC662CN mod
Date: Fri, 31 Jul 1998 10:06:55 -0400
Message-ID: <35C1CF7F.48D3B142@ibm.net>

I got my parts for this mod yesterday. National Semiconductor LMC662CN op amps to replace the Texas Instruments NE5532P that is in the SW-40+. The idea is to reduce receive current draw by 5 mA.

I measured current draw of 16.5 mA with nothing connected (no antenna or headphones). Then I replaced the 5532 with the 662. Idle current dropped 6 mA from 16.5 to 10.5. Cool! Then I connected the headphones. No noticeable difference in background noise. Then I connected the antenna. It immediately broke into oscillation at about 800 Hz. Bummer. Tried another part (I always buy two, just in case). Same thing. Hmmmmmm. Turned the RF gain all the way down. Sometimes it would oscillate, others it would not. Any time there was signal to the headphones it would break into oscillation.

I didn't have time to check anything else but I will tonight. Perhaps it is the low impedance of my headphones (wired in parallel). Maybe the open loop gain of these parts is higher and requires a component change.

I'll keep you posted.

--

72 de ku4qo
Mike Maiorana

Palm Harbor, FL

"And if I have prophetic powers, and understand all mysteries and all knowledge, and if I have all faith, so as to remove mountains, but have not love, I am nothing"

----- End forwarded message -----

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 31 Jul 1998 11:37:14 -0700
From: Don Bowen <don.bowen@chrysalis.org>
To: qrp-1@Lehigh.EDU
Subject: [16578] Semi-qrp-related question
Message-ID: <35C20EDA.515B@chrysalis.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Disposition: inline; filename="MAP.ASC"

Perhaps GPS is radio-related because it is increasingly valuable on back-packing ventures. Well, this is a GPS question, sort of.

Is there any map software available that will work with DOS? SW should allow us to enter bearing information as we go, and need only cover North America.

This is to be used on a notebook computer that is a 360-25 color machine with monochrome display, 2 megs RAM, and about 7 megs available on the hard drive. No windows, no mouse. While it would be nice to use the serial bus to receive inputs from the GPS receiver, this is not necessary. We can enter latitude and longitude (or other appropriate bearing information) manually.

This is the computer that our club uses on field day for logging.

Freeware and shareware okay, but we don't mind paying a nominal price for SW that'll do what we want. Any suggestions? Maybe some SW dealer in the Dallas area?

To conserve bandwidth, please contact me directly. Thanks.

Don Bowen
K5LHO

Date: Fri, 31 Jul 1998 12:01:48 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: josh.gould@axom.com
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [16579] Schematics
Message-ID: <E726B6D1F2C7D1119AB900805FA74B3CADFC3F@s-il02-n.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Josh

You ask a question that really has two parts.

As I see it, the first is to recognize schematic symbols and understand what they represent, and the second is to understand what they represent when used in combinations called a circuit.

By now, I assume you recognize the basics, like resistors, capacitors, inductors, etc. These are called passive devices, as they cannot amplify a signal. They do not require a power source by themselves.

Then there are the active devices, like tubes, transistors, Field Effect transistors and integrated circuits (ICs). Usually shown as a triangle called an Op Amp (short for Operational Amplifier from somewhere back in the past). Active devices always require a power source.

A schematic is nothing more than a diagram connecting these various components with lines. It shows how the components are connected to each other, and almost always shows the values of the components. There will usually be a component identifier also, such as R1, R23, C7, C34, L2, L7 (coils), and so on.

Transistors usually take a Q number, Q3, Q5, while IC's take a U identifier, U1, U2 and so on. Crystals often show up with an X or Y identifier, while diodes may show up with a CR or D identifier.

In crowded schematics, only the component identifier may be used, with the component values being shown in a Parts List next to the identifier--R1 100 ohms, C7 .22uF, Q3 2N2222 etc.

To get much beyond this ability to recognize the components and how they connect to each other, you need to learn a bit about how circuits operate. Then you can interpret the diagram and understand what it is trying to tell you about the circuit shown and what it does.

There are many books for this purpose, ranging from a very basic beginner level on up. I would suggest a visit to your local library. You can poke around in the books they have and find something at whatever level you feel comfortable with. Don't worry about it being too elementary. It's best to have a good grasp of the fundamentals before reaching for the more complex circuitry.

Hope this helps you get started, Josh. This has been a grand, fun hobby for me for 46 years now, and I ain't done yet :-)
73, Bob N6WG

Date: Fri, 31 Jul 1998 09:46:11 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org
Subject: [16580] QRP Skeds wanted!
Message-ID: <E0z2Iq4-0000EQ-00@pa.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Reprinted from packet BBS:

>From :OM2ZZ @OM0PBM.#ZSL.SVK.EU
To :QRP @WWW
Date/time :29-Jul 07:26
Message # :33391
Title :Two way QRP skeds
Path: !GB7HUL!GB7EYM!GB7ZXN!GB7MSF!NX5V!KP4IG!
R:980729/0726z @:OM0PBM.#ZSL.SVK.EU [BBS - Petrzalka - JN88nc] BCM1.40

From: OM2ZZ @ OM0PBM.#ZSL.SVK.EU (Radovan)
To: QRP @ WW
X-Info: No login password

Hallo dear Qrpers.

What about two way QRP skeds, if you want to make Slovakia on
160, 80, 40, 30, 20, 15, 10 or 6 mtrs band just send me a mail

to om2zz@om0pbm.svk.eu

all the best, I hope to see you on the band.

73, 72 Rado om2zz [G QRP 9943, OK QRP 229, I QRP 202, Alaska QRP 403]

--73--

Frank G3YCC G QRP 042

email: g3ycc@g3ycc.prestel.co.uk

QRP web Site: <http://www.homeusers.prestel.co.uk/g3ycc/>

Packet: G3YCC@GB7HUL

Date: Fri, 31 Jul 1998 09:46:11 +0000

From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, cjl@mail09.mitre.org

Subject: [16581] Re: LED SWR indicator

Message-ID: <E0z2Iq2-0000EQ-00@pa.scotland.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

There is a nice circuit on my web page of course. Take a look!

--73--

Frank G3YCC G QRP 042

email: g3ycc@g3ycc.prestel.co.uk

QRP web Site: <http://www.homeusers.prestel.co.uk/g3ycc/>

Packet: G3YCC@GB7HUL

Date: Fri, 31 Jul 1998 10:21:34 -0800

From: "Russ Carpenter" <russ@natworld.com>

To: "QRP-L List" <qrp-l@Lehigh.EDU>

Subject: [16582] Reminder for the AUGUST SPARTAN SPRINT

Message-ID: <199807311708.KAA15864@guppy.pond.net>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

The August Spartan Sprint will be held on August 3 (which is our standard date--the first monday of the month). We will be operating on two bands--40 and 20. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division).

If you are a newcomer to the Sprints, take a look at the introductory

material at the end of this post.

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT. Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT.
2. The frequencies will be 7040+- KHz and 14060 KHz+- . (You may operate one or two bands--your choice.)
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP".
5. You can take credit for working the same station on a second band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to www.natworld.com/ars and follow the link for "Direct access to autologs". Or you can speed things up by going directly to the Spartan Sprint autolog page at www.natworld.com/ars/ss_log.html.

If you don't have access to the web, just send Russ Carpenter, AA7QU, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of the transmitter, receiver, key, keyer and battery). You may also include your comments from the soapbox. Russ' email address is russ@natworld.com.

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday afternoon.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is nu6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love

of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

Russ Carpenter, AA7QU, Contest Manager

russ@natworld.com

Date: Fri, 31 Jul 1998 11:20:52 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [16583] Need 6M radio control info
Message-ID: <Pine.SOL.3.91.980731111345.28047B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

OK, working WAY out of my league here. But a coworker here enjoys building and racing radio controlled cars. He's working to get his ham license, and just found out as a plus, he can operate his radio controlled cars on the 50MHz band (with his license, of course). Looking into it, he can only find people who sell 50MHz radio controlled stuff for airplanes.

Does anybody know a vendor or two that provides 6M radio controlled stuff for "surface" vehicles (cars as opposed to airplanes)? Or anyone on the list who also races radio controlled cars on 50MHz?

Tnx, Paul NA5N

ObQRP ... I guess they are only one watt transmitters!

Date: Fri, 31 Jul 98 13:34:04 EDT
From: jeverhar@cse.l-3com.com
To: qrp-l@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [16584] Re: Band conditions (sort of)
Message-ID: <9807311734.AA02246@train11.cse.l-3com.com>

Gang,

I frequently am holed up in hotels of various types in lots of different cities. And don't usually get to do any hamming primarily due to antenna difficulties.

However....

Last week I was up in MA in a high-rise Holiday Inn with windows that actually opened! I had taken along my trusty Sierra and found a satisfactory solution to the antenna problem. A vendor at Dayton had a real neat mount for vertical antennas such as the Hamstick. It has the 3/8-20 mobile antenna mount on a bracket welded onto a Visegrip (tm) knock-off. Using this gadget I slung my 30 meter Hamsick out the 4th floor window of my room, clamping the pliers onto the metal window channel. Thus the entire 7 foot length of the whip was horizontally oriented outside the room with the metal window frame as a ground connection.

Results? Not much time to fool around but my 1.5 watts *did* get a 589 from an OM3. This antenna is a keeper!

72/73,

Joe E., N2CX

Date: Fri, 31 Jul 1998 11:41:09 -0600
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-1@Lehigh.EDU
Subject: [16585] WSJ Ham Radio Hit(good)
Message-ID: <199807311741.LAA28448@mailrelay.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Good ham radio hit in the WSJ today, page W4 Takeoffs & Landings.

72, Bob KI0G

Date: Fri, 31 Jul 1998 12:54:24
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [16586] Re: Backcountry 2M freq
Message-ID: <3.0.3.16.19980731125424.214f4a4c@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, up here in the White Mountains, people carry cell phones and GPS. The GPS still doesn't help from keeping them from getting lost, but when they call in for trail directions, at least they can tell the Forest Service guys where they are! (first couple of times it was novel and hit the papers, now it happens everyday)

Even in this popular area, I don't believe there are very many hams with HT's hiking the trails, so no one bothers to monitor 146.52. Easy enough to hit a repeater anyway, and that always has someone listening, not just on the hour.

OBQRP:

20 M SSB wasn't as hot last night as it was a few days ago but still snagged a couple of EU's. Sure is hard braking a pile up with 10 watts pep into a G5RV, but can be done. Just takes time. Some of these guys get a kick out of working a QRP SSB station, seeing everyone else is running 500 or more watts into a 4 element yagi. Ho Hum. I'm amazed at how many of these EU guys stay up till 4-5 am working endless pile ups.

So, how does the SGC 2020 work in its preferred mode of SSB? How does it stand up to contest conditions on 20? How do you like those rubber buttons? Rats, I might be turning into a phone op, hope I don't get banded from the list...

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Fri, 31 Jul 1998 12:24:14 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16587] TechAmerica
Message-ID: <5104C9F8B0B5D1118C250000F8062537A02B0E@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain

Has anyone seen the new Tech America catalog. Page 37 has Amidon toroids. A T-37-2 (one each) is \$4.80. Whoooooweeee!! Glad I bought a bunch from DAN.

Nick KG5N

Date: Fri, 31 Jul 1998 14:42:51 -0400
From: Paul Helbert <phelbert@rica.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16588] Elmer 101: LMC662 headphone oscillation
Message-ID: <35C2102B.53024231@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue,

I made the substitution last night. One headset out of four I tried caused oscillation. The offending headset was RS Optimus Nova 44. No problem with Koss earbuds or small headphones. No problem with MFJ Clearstone 281 speaker...in fact it sounded beautiful!

I wonder if this means that those which gave no trouble are really close to the point of giving trouble? Looks like we'll need a patch for use with some phones.

72,

Paul, Wv3j

Date: Fri, 31 Jul 1998 14:33:21 -0400
From: "Dan Wolfe" <n4roa@mounet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [16589] Controller
Message-ID: <199807311932.0AA03835@ns2.mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Greetings,

Anyone have any good suggestions on a controller for a solar panel(22W)? Maybe even in a kit form? Thanks..

72 de Dan

Date: Fri, 31 Jul 1998 13:49:27 -0500
From: "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [16590] Qrp Boat Anchor on the air
Message-ID: <21B46CBD022AD1118F0500805F15A068A80225@STPMSX05.stp.guidant.com>
MIME-Version: 1.0
Content-Type: text/plain

Hi,

I finally got my Ameco AC-1 transmitter on the air. The AC-1 is a 1960's two tube peanut whistle transmitter running about 5 watts output. I had the 40 meter COIL installed. I had two nice cw contacts on 7040 with WA0ETE in Omaha and W8EO in East Lansing Michigan. I received a 559 and a 569.

Pretty cool, I get to do boat anchor radios and qrp at the same time. I was running the AC-1, a Collins 75A4 on receive, and a dipole for antenna.

72,

Scott WA9WFA in Saint Paul Minn
QRCI 7299, Norcal #

Date: Fri, 31 Jul 1998 14:50:45 -0400
From: Steve <smann@advi.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16591] Re: Backcountry 2M freq
Message-ID: <35C21205.173C@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

>
> Well, up here in the White Mountians, people carry cell phones and GPS.
>
> Even in this popular area, I don't belive there are very many hams with
> HT's hiking the trails, so no one bothers to monitor 146.52. Easy enough to
> hit a repeter anyway, and that always has someone listening, not just on

> the hour.

I used to carry a 2m/440 HT while hiking the trails around here in north west NC but found that there were spots where I couldn't hit a repeater and sometimes when I could there was no one about. So I've quit carrying the HT and just carry the cell phone. Only once with it when I had descended 800 feet into a "gully" did I have a little problem with the cell phone. It's more dependable for emergencies although not as useful for finding other hams about on the trails!

Steve, N4EY
Surry County, NC

Date: Fri, 31 Jul 1998 11:54:47 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: rfoltz@wsunix.wsu.edu (Randy Foltz)
Cc: qrp-1@Lehigh.EDU
Subject: [16592] Re: Band Conditions / Fox Challenge
Message-ID: <199807311854.LAA18245@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Howdy Folks,

Randy (K7TQ, ex-AB7TK) wrote:

>
> On Thu, 30 Jul 1998, Joe Gervais wrote:
>
> > (I've got to pick on Randy 'cuz I lost a bet with him
> > during last year's Flight o' the Bumblebees. He's
> > been avoiding a rematch ever since. ;-)
>
> OK that's it! Such arrogance shall not be left unrewarded. There hasn't
> been an offer of a rematch because the pickings are too easy. However,
> since you insist. And this time it will be a public match. I propose the
> following:

Uh oh, Randy's been hittin' the Barq's rootbeer before
logging in. Gotta watch that "liquid courage", it'll
just make things worse for ya... *8-)

> FOXES PER WATT - At the end of the 40 m FOX hunt, add up the number of

> foxes and divide by the summation of the power you used to contact each
> fox. I.e. 1 fox at 2 w + 1 fox at 0.5 w + 1 fox at 5 w = 3 foxes / 7.5 w
> = 0.400 compared to 1 fox at 4 w + 1 fox at 2 w + 1 fox at 5 w = 3 foxes /
> 11 w = 0.273. One with the highest ratio wins. Minimum number of foxes
> to qualify is 10.
>
> PRIZE - Bottle of barbeque sauce to be presented to the winner at the 1999
> Pacificon.

You, sir, have a deal! And none of that Yuppie BBQ
sauce either - I'm talkin' something with a little
kick to it! And I'll tell ya what, I've been wanting
a WM-2 for a long time anyway, so I'll have my power
out accurately measured down to the milliwatt. No
fudging at *my* QTH.... :)

> So what do you say, Mr. T T? Ante up!

I say make mine medium rare! *8-) You'd better
start lookin' for some hardline now buddy, 'cuz
you're gonna need it! :)

Kids these days, tsk tsk tsk.... ;-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's been an exciting week. First the Spice Girls
break up, and now we have the first experimental
indication that neutrinos have mass."

-- Rocky Kolb of Fermilab, "Astronomy" 9/98 issue

Date: Fri, 31 Jul 1998 13:55:37 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: pharden@aoc.nrao.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16593] Re: Need 6M radio control info
Message-ID: <35C21329.8A2A0340@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Usually much less than that, Paul - real QRP! After all, you only need

to control the model for as far as you can see it!

I flew RC planes for many years back in the 60's and 70's always using six meter gear, initially all of it homebrew. I have never heard of or seen any surface model control using 6 - only aircraft.

The FCC has set up a number of frequencies in the 72 and 75 MHz range for model control with totally separate channels for cars and boats vs those for aircraft.

I suspect that if you friend does any organized racing he will find it works out best to use the same frequency assignments as his cohorts. And the event directors may well insist upon it for various reasons.

RC is great fun - if you think ham radio is addictive, you oughta see what that activity does to a guy!

72/73, George didit dit

Amateur Radio W5YR, 52 years and counting!

QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Paul Harden wrote:

>

> Gang,

> OK, working WAY out of my league here. But a coworker here enjoys

> building and racing radio controlled cars. He's working to get his

> ham license, and just found out as a plus, he can operate his radio

> controlled cars on the 50MHz band (with his license, of course).

> Looking into it, he can only find people who sell 50MHz radio controlled

> stuff for airplanes.

>

> Does anybody know a vendor or two that provides 6M radio controlled

> stuff for "surface" vehicles (cars as opposed to airplanes)?

> Or anyone on the list who also races radio controlled cars on 50MHz?

>

> Tnx, Paul NA5N

>

> ObQRP ... I guess they are only one watt transmitters!

Date: Fri, 31 Jul 1998 20:01:57 +0100

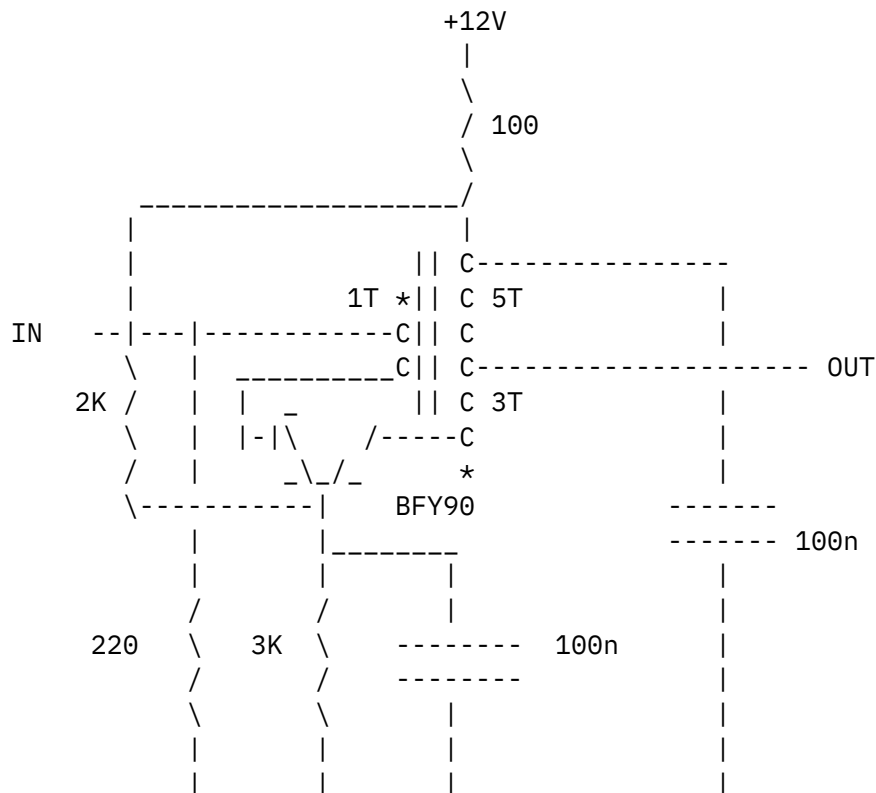
From: Leon Heller <leon@lfheller.demon.co.uk>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [16594] "Noiseless" Feedback Amp.

Message-ID: <ByoobEA1Shw1Ew+p@lfheller.demon.co.uk>
MIME-Version: 1.0

Further to the recent discussion of "noiseless" feedback (Norton) amplifiers, I've been experimenting with one based on the BFY90. Here's the circuit:



The transformer was wound on a small balun core, as described in the ARRL Handbook on page 15.28. The BFY90 was biased to give a collector current of about 20 mA. Input and output impedances are 50 ohms.

"Ugly" construction on a scrap of PCB material with no attempt made to minimise lead length resulted in an amplifier with about 11 dB gain from about 500 kHz to 50 MHz, it then tailed off with increasing frequency, although usable gain was still available at 110 MHz, the maximum frequency of the signal generator I was using. With careful construction the response should be flat up to 150 MHz or more (the BFY90 has an Ft of 1.8 GHz).

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424

See <http://www.lfheller.demon.co.uk/dds.htm> for details of a simple AD9850 DDS system. See " ["/diy_dsp.htm](#) for a simple DIY DSP ADSP-2104 system.

Date: Fri, 31 Jul 1998 19:25:18 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16595] Batt. Charger Deal Follow-up
Message-ID: <35C21A1E.21C1@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy folks. Most of the chargers have been sent to the respondents regarding the 'For Trade' deal I posted.

I did find the web pages of the manufacturers:
The First Charger deal was with the
Model 7089 "Automatic Float Charger" by
Engineering Design and Sales (EDS).
Their webpage is:
http://www.edspower.com/b_chargers.html

The 2nd Charger (Not yet open to trades OK?)
is the: ILCK-13 Charger
<http://www.jeromeindustries.com/products.htm>

I was unable to locate product literature and
have emailed for Data/Spec sheets on these units.

Folks, these are first class chargers!

See y'all next wednesday, I'm on vacation Mon/Tue.

And if I get Juno working over the weekend, I'll
respond to email at: <mailto:we6w@juno.com>

If only I can get the RPI modem to work...

72/ Ed.

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 31 Jul 1998 14:30:41 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: bcutter@teal.csn.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16596] Re: WSJ Ham Radio Hit(good)
Message-ID: <35C21B61.DD62D07C@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Con't see that paper - could you tell us a bit more? Wss the "hit" good or bad?

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Bob Cutter wrote:

>
> Good ham radio hit in the WSJ today, page W4 Takeoffs & Landings.
>
> 72, Bob KI0G

Date: Fri, 31 Jul 1998 14:38:27 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: scott.freeberg@guidant.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16597] Re: Qrp Boat Anchor on the air
Message-ID: <35C21D33.7D6B91A9@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just as God intended, Scott! More power (or less as the case may be!)to you.

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Freeberg, Scott (STP) wrote:

I
> was running the AC-1, a Collins 75A4 on receive, and a dipole for
> antenna.
>
> 72,
>
> Scott WA9WFA in Saint Paul Minn
> QRCI 7299, Norcal #

Date: Fri, 31 Jul 1998 12:38:24 -0700 (PDT)
From: Mike Parkes <ab7ru@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [16598] Older Sierra 30 meter module question...
Message-ID: <19980731193824.22505.rocketmail@send101.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have what I think must be the older Norcal version of the Sierra 30 meter band module. Receives fine, but no transmit power apparently. I have been comparing it to my 40 meter module (Wilderness version) and there do appear to be some minor differences, so I wonder if anyone has any experience using these "older" version modules with the current Wilderness Sierra? Are there any differences that have to be corrected?

Thanks gang!

-Mike AB7RU

==

Michael Parkes AB7RU
26725 E Moffat Rd
Newman Lake, WA 99025

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 31 Jul 1998 16:14:48 -0400
From: Tracy@bytemark.com (Tracy)

To: "QRP-L" <qrp-l@Lehigh.EDU>, <pharden@aoc.nrao.edu>
Subject: [16599] RE: Need 6M radio control info
Message-ID: <000801bdbcbf\$dddc6a340\$1a751ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My Brother races competition remote controlled cars (big time -- some of those guys are sponsored by Winston and Budweiser...) and the equipment used must meet 'standard' equipment ratings. We couldn't use the Ham bands if we wanted to compete in the tournaments.

Tracy, N4LGH

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Paul Harden
> Sent: Friday, July 31, 1998 1:21 PM
> To: Low Power Amateur Radio Discussion
> Subject: Need 6M radio control info
>
>
> Gang,
> OK, working WAY out of my league here. But a coworker here enjoys
> building and racing radio controlled cars. He's working to get his
> ham license, and just found out as a plus, he can operate his radio
> controlled cars on the 50MHz band (with his license, of course).
> Looking into it, he can only find people who sell 50MHz radio controlled
> stuff for airplanes.
>
> Does anybody know a vendor or two that provides 6M radio controlled
> stuff for "surface" vehicles (cars as opposed to airplanes)?
> Or anyone on the list who also races radio controlled cars on 50MHz?
>
> Tnx, Paul NA5N
>
> ObQRP ... I guess they are only one watt transmitters!
>
>
>
>

Date: Fri, 31 Jul 1998 12:58:20 -0700

From: Andy Fox <foxes@theriver.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [16600] 30 meters
Message-ID: <35C221DC.DB39C396@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

I'm eager to put my recently completed SW-30+ rig on the air. I have a couple of questions first. I'm brand new to 30 meters.

The stock kit tunes over a 35 KHz range. The band is 50 KHz wide. My radio tunes 10.100 - 10.135 MHz "out of the box." I can expand the tuning range (or shift it), but am wondering where other QRPers hang out. I haven't done much listening on the band (have to put up another end-fed antenna this afternoon).

I'd like to make a contact or two before making any mods.

--

72/73 de Andy, KK7HV - QRP-L #1286 - Tucson, AZ

Date: Fri, 31 Jul 1998 15:57:48 -0400
From: "John P. Spoonhower" <spoon@kodak.com>
To: qrp-l@Lehigh.EDU
Subject: [16601] Re: RF transistors
Message-ID: <35C221BC.6FFC@kodak.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here's some additional info to go along with the recent postings on the availability of RF transistors. This info was obtained by myself with thru phone calls or visits to web sites.

mrf 475 is available at Rf parts (maybe others too); so too is the suggested 2SC equivalent 2SC1969. There is a big difference in price. (2SC is cheaper)

Argosy owners (like Nils and I) can still obtain the mrf 477 finals from Ten-Tec's service dept. RF parts is suggesting the MRF 497 as a replacement.

Drake TR-7 owners can still obtain the finals for this rig from Drake's service dept. Also the replacement 2SC2879 is available from RF parts.

I tried calling MHz Electronics in Phoenix but did not connect with the parts business. Does anyone know if they are still in the parts business.

None of the babble above is to be considered an endorsement of anyone or any business.....
72, John, kc2du

Date: Fri, 31 Jul 1998 12:31:07 +0000
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU, azqrp@dancris.com
Subject: [16602] Ft Tuthill Pics
Message-ID: <Version.32.19980731122953.00f50680@mail.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For anyone interested, there are Ft. Tuthill '98 pictures on my page. It takes a while to load, but they are of some interest. URL in sig line, or go to <http://www.dancris.com/~ki7mn/tut98.htm>.

Date: Fri, 31 Jul 1998 13:55:44 -0600
From: bcutter@teal.csn.net (Bob Cutter)
To: w5yr@swbell.net
Cc: qrp-l@Lehigh.EDU
Subject: [16603] Re: WSJ Ham Radio Hit(good)
Message-ID: <199807311955.NAA08346@mailrelay.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Con't see that paper - could you tell us a bit more? Wss the "hit" good
>or bad?
>
>72/73, George didit dit
>Amateur Radio W5YR, 52 years and counting!
>QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
>AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

I think good but its emphasis is on the expensive DXpedition, a person who takes a baby monitor to the beach so he can tell when the moonbounce signals come and other aspects that might turn a true ham radio "minimalist" off.

My feeling has always been there is no such thing as bad publicity for ham radio, it so big and diverse it can accomodate us all. After all it is those DX pileups that we brag about busting with QRP!

72, Bob KI0G

Date: Fri, 31 Jul 1998 16:20:42 EDT
From: Sachsarch@aol.com
To: qrp-l@Lehigh.EDU
Subject: [16604] Portable antennas
Message-ID: <2f99e674.35c2271c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I operate portable from hotel on business trips. With my 706 I have been using an Outbacker Perth Plus with a tuner and various configurations of counterpoises, mostly with the antenna clamped to fire escape. While the SWR is good, performance is not impressive. I'd appreciate input from others with portable operations from apartments/hotels. I'm considering BB3 and High Sierra. Need to be able to carry antenna in fishing rod case or similar. Thanks for suggestions
Marv/ K2IPH

Date: Fri, 31 Jul 1998 13:10:04 -0700 (PDT)
From: camqrp@cyberg8t.com (Cam Hartford)
To: qrp-l@Lehigh.EDU
Subject: [16605] SSB Sprint, again
Message-ID: <199807312010.NAA22515@trex.cyberg8t.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Glad to know that there are some folks out there with their eyes open.

Myself not included.

The contest rules for the Summer Daze SSB Sprint included the following words - "CW only." Is this what they call a contradiction of terms? A non-sequitor? A faux-pas? An OOPS? Or just a plain old "Doh!"

Thanks, and see you there -

Cam N6GA

QRP ARCI SUMMER DAZE SSB SPRINT Sponsored by QRP ARCI, August 2, 1998. Hi Bands, 1900 to 2100 UTC; Lo Bands, 7PM to 9PM Local Time. Use 40 M both time slots. Entries may be Single Band, All Band, High Band (40, 20, 15, 10 or 6) or Low Band (160, 80 and 40). Work stations once per band. Exchange signal report, state/province/ country, and name. 1.860 3.865 7.285 14.285 21.385 28.385 50.128. QSO points: All QSOs worth one point. Bonus points awarded for using homebrew equipment, apply for each band on which homebrew equipment was used: +500 points for HB transmitter; +500 points for HB receiver; +1000 for HB transceiver. A piece of equipment is considered to be homebrew if you built it. Final score is total of QSO points (all bands) multiplied by total of states/provinces/countries (all bands) times power multiplier (> 5 W output, X1; <5 W output, X 7; <1 W output, X 10; < 250 mW output, X 15: SSB power considered X2 DC), plus bonus points. Include description of equipment and antennas used. Mail entries by September 2, 1998 to QRP ARCI Contest Mgr, Cam Hartford, N6GA, 1959 Bridgeport Ave., Claremont CA 91711. Or send by e-mail to CamQRP@cyberg8t.com.

Date: Fri, 31 Jul 1998 13:33:07 -0700
From: Andy Fox <foxes@theriver.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [16606] Re: 30 meters
Message-ID: <35C22A03.2A21871F@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow!

Four responses in "seconds flat" (my apologies to The Beatles).

Thanks Dave, Jim, Mike and Don.

I will leave the rig exactly as it is. Looks like the calling frequency is 10.106, I should expect DX between 10.100 and 10.109, and CW types hang out at or below 10.125.

Thanks again!

--

72/73 de Andy, KK7HV - QRP-L #1286 - Tucson, AZ

Date: Fri, 31 Jul 1998 16:38:08 EDT
From: DENNISMO@aol.com
To: Sachsarch@aol.com, qrp-1@Lehigh.EDU
Subject: [16607] Ditto on the Portable Antennas Info.
Message-ID: <173b76bb.35c22b31@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang..

Those of you kind enough to respond to Marv K2IPH request for Portable Antenna information please CC: me with the information.

Thanks...

72 de Denny AD6EZ <><
PROMISE KEEPER

FISTS #4570 / QRP-L #1359 / ARCI #9637 / sCQs #44 / 10-X #69158 / Six Club
#242
HAMing It Up Everyday In Goleta, CA
Grid: DM04BK / WEB PAGE: <http://members.aol.com/dennismo>

Date: Sat, 1 Aug 1998 04:57:53 -0400
From: cy r currier <crc3@telplus.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "'ARDUJENSKI@aol.com'"
<ARDUJENSKI@aol.com>
Subject: [16608] sale : last day
Message-ID: <01BDBD08.F47F1880@bgr140.lobster.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

From: ARDUJENSKI@aol.com
Sent: Sunday, June 07, 1998 1:01 PM
To: Low Power Amateur Radio Discussion
Subject: sale : last day

radio shack has computer tool kits on sale for \$10.00. there is a \$10 rebate. maybe not industrial strength but price is right. sale ends 8/1/98. good enough for starter level or to throw in car for portable op i figure. they also have sony disks 50 or so for \$15 w a \$15 rebate. this is fr a few days more. hurry! stolen header. done in haste. sorry.
all disclaimers known or able to be generated by a room of hungry lawyers.
cy - k1tes

Date: Fri, 31 Jul 1998 17:33:04 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Subject: [16609] All RIT KIT uploads finished
Message-ID: <2c74aabd.35c23811@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi gang
I had a lot of problems and was not able to configure the 5 pages into a zip file so I spent hours uploading 1 page at a time to all who requested the info.
Some of you may have received extra pages and some may be missing a page.
If I missed a page,*E* mail the page # you need.
I'm off this machine as of 0400 UTC and going fishing and kayaking.
I this mail box should fill up,
Please send mail to <IamSF5@aol.com>
I will have someone here and try to show her how to transfer my mail so as not to create a problem.
If I missed anyone *E* mail me.
JUNO members will get the info snail mail
Have a nice weekend
Bob
WA2HOQ

Date: Fri, 31 Jul 1998 16:41:14 -0500
From: "Robert J. Gobrick" <rgobrick@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [16610] Info Only - Future of Code Requirements for US Ham Licenses
Message-ID: <3.0.32.19980731163413.00763968@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-L gang,

Just some "food for thought" - the following was pulled from a recent Amateur Radio Newsline report. Do you think that the statistics quoted are one of the reasons why the ARRL and the FCC are looking at some changes?

Anyway this is "information only" for folks who desire to look at some facts before they fire off any letters etc to the ARRL and FCC.

Cheers - Bob N0EB

Newsline #1090 - 7/3/98

Amateur Radio Newsline

The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

This hardcopy version is produced by Dale Cary - WD0AKO from scripts provided to him weekly by Newsline. It is then distributed to on-line services, bbs networks and internet user jointly by Dale Cary and Steve Coletti.

Editorial comments, news item and all other business should be directed to:

Bill Pasternak, WA6ITF Newsline Producer & Editor

- * Internet E-mail: newsline@ix.netcom.com
- * Phone: (805) 296-7180
- * Fax: (805) 296-7180 (Fax senders wait for voice prompt.)

Hardcopy comments can be directed to:

Dale Cary, WD0AKO Hardcopy Distribution for Newsline

- * Internet E-mail: wd0ako@rrnet.com

* Phone: (218) 236-6324

Check out the complete Amateur Radio Newsline homepage featuring an archive of over 300 scripts, information about Newsline such as history, phone numbers to record Newsline audio, where to submit stories, and more being added...

SNIP -----

The numbers are in: The numbers are bad

Some startling statistics about the growth -- or lack of growth in Amateur Radio.

The July 1st edition of Fred Maia's W5YI Report says it all. According to Maia -- who is also the nations second largest VEC -- the total number of U.S. licensed Amateur Radio operators grew by less than one percent in the period from June 1997 to June 1998. This is the smallest gain in the issuance of new ham radio licenses since record keeping began in 1978 and it does not take into account an estimated 41,000 amateurs whose licenses have expired but are being carried on the books under the federal two year grace period.

Even more startling is that license classes that require an applicant to show proficiency in the Morse code showed a net loss of 2.3 percent. In fact, the only good news says Maia is with the basic codefree Techs. Their numbers grew again by an unexpected seven 7.5 percent. In simpler terms, one in every four hams now licensed is a codeless Tech.

Maia says that the number of people taking Amateur Radio examinations peaked in 1992. That was the year following the introduction of the codeless Technician class and during that period 115,852 applicants were tested. Since then the number has been steadily decreasing. It reached its low point in the period from June 1st 1997 to May 31st, 1998. Only 61,245 people were examined during that time frame. That says Maia is nearly a fifty percent drop. It also does not bode well for the long term growth in ham radio in the United States.

(Via W5YI Report, FCC)

Bob Gobrick - Stillwater, MN
Internet: rgobrick@att.net

Date: Fri, 31 Jul 1998 18:37:28 -0700
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@Lehigh.EDU
Subject: [16611] marble polish
Message-ID: <3.0.5.32.19980731183728.007c7600@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ok, not exactly on topic, but being that I am interested in a cleaning material for marble to clean a paddle, perhaps it would be ok.
If anyone has an idea, please reply off list unless the group as a whole would benefit. Thanks for the bandwidth.

Date: Fri, 31 Jul 1998 15:51:49 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list" <qrp-l@Lehigh.EDU>
Subject: [16612] Bumbledybee results
Message-ID: <02e701bdbcd5\$cd32db00\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's a quick unaudited report for Bumblelydebee K1MG:

Note: all QSOs on 20 meters

(63 QSOs x 2) X (19 BBs X 3) = 7182 points

20 meters had a high QRN level for some unknown reason, so I missed some stations which were too far down into the noise.

I alternated between calling CQ and hunt and pounce. Even tried to shanghai a few stations while THEY were hunting and pouncing. Good practice for the NA Sprint!

When in CQ mode, I would call several times with no answer, then got a mini pileup of answers. The odd thing was, very few ops would wait to try again after I worked the other guy! I probably missed about 20 QSOs that way. When I h&p, I usually give it at least two attempts

before I give up on a station, or make a mental note to return in a few minutes.

The other odd thing was that quite a few answers to my CQs were pretty far off frequency, some by as much as 1.5 kHz. I'm sure I missed a few of these.

Ran into a lot of familiar calls, though K7TQ threw me until he said that this was his new vanity call -- then I recognized the fist from the infamous Utah branch of the AB7xx gang. Also ran into the other AB7xx fox poachers. Randy, is K7TQ your new identity in the witness protection program for reformed fox poachers?

Thanks all for a good time.

Mike K1MG

End of QRP-L Digest 1169
